

## Section 23

### Irrigation, Drainage, and Soil Conservation

This section presents statistics concerning agricultural land development, in particular, measures of the activities of irrigation and drainage enterprises, and reclamation and land conservation projects. The primary sources for these data are the Bureau of the Census which conducts decennially a Census of Drainage and a Census of Irrigation (as part of the Census of Agriculture), and a mid-decade Census of Agriculture which covers fewer items in these fields; the *Report of Administrator of Soil Conservation Service*, issued by the Soil Conservation Service of the Department of Agriculture; and the *Annual Report of the Secretary* of the Bureau of Reclamation, Department of the Interior. In addition, the Bureau of Reclamation issues annually *Crop Summary and Related Data, Federal Reclamation Projects*.

**Irrigation.**—Irrigated land as defined by the Bureau of the Census is the net acreage of farm land to which irrigation water is applied. It does not include land that could be irrigated, or usually is irrigated, but was not irrigated during the census year. Excluded also is uncultivated land (roads, farmsteads) in irrigated farms and irrigated nonfarm land (cemeteries, parks, golf courses, etc.).

Most of the irrigated land is located in the 17 Western States and Arkansas, Louisiana, and Florida. In these States the Bureau of the Census collects information on acres irrigated, irrigation works, capital investment, and a number of other items from irrigation companies, districts, and other organizations, and from farms that operate their own irrigation supply works. Information for the other States, excepting special surveys, is limited to that reported in the regular farm census.

The development of irrigation projects rests primarily on the Bureau of Reclamation. By Congressional directive its activities are confined to the 17 Western States and Alaska. The operation of irrigation works, upon complete development, is transferred to capable private water user organizations.

**Drainage.**—Most farm land drainage works serve to reclaim and improve the land. Other purposes are to protect the land against overflow, and to rid the land of seepage from irrigation ditches or for control of alkali formation.

The farm lands of the Eastern States need drainage to remove surplus rainfall. Most of this is gravity drainage, although pumps are sometimes used. In the Western States drainage serves to remove seepage water from irrigated lands and to carry off alkali salts.

The Bureau of the Census in 1950 enumerated, in general, only those organized enterprises with 500 acres or more of drained farm land. A few irrigation enterprises of smaller size which had their own drainage works were also included. In previous Censuses (1910 to 1940) all organized enterprises draining farm lands were included in the enumeration regardless of size. Privately drained lands of less than 500 acres have not been enumerated in any of the four drainage censuses. The change in Census procedure for 1950 materially reduced the number of enterprises enumerated, but affected very little the amount of drained land enumerated.

In taking the 1950 Census, differences in form of organization and management of drainage enterprises made it necessary to divide arbitrarily the 40 States with drain-

Note.—This section presents data for the most recent year or period available on April 29, 1957, when the material was organized and sent to the printer.

age enterprises into two groups: The 10 "county-drain" States and the 30 "drainage-district" States. The 8 States with no drainage enterprises are the 6 New England States, Pennsylvania, and West Virginia. In the 10 "county-drain" States (Delaware, Indiana, Iowa, Kentucky, Michigan, Minnesota, North Dakota, Ohio, Oklahoma, South Dakota), statistics were gathered for the county as a unit, rather than for each separate enterprise as for the 30 "drainage-district" States. Generally, the maintenance work on existing ditches has been done by reorganizing the land of an earlier enterprise into a new project. Since the number of enterprises for "county-drain" States would be meaningless, the number was not obtained for these 10 States.

In the Western States most of the drained land is located in irrigation enterprises which were chartered to do both irrigation and drainage work under one organization. The cost of construction, operation, and maintenance of the irrigation works is usually far greater than that for drainage. Separate records are seldom kept of expenditures for drainage and irrigation. Data were not included in the 1950 Census for cost, collections, and indebtedness of irrigation enterprises having their own drainage. Therefore, the data for 1950 are not fully comparable with those for earlier years.

**Soil conservation.**—Basic soil conservation district legislation has now been enacted in all of the 48 States and 4 of the Territories and possessions. Each of these laws contains an effective date after which soil conservation districts could be organized by local farmers and operators. A soil conservation district is a political subdivision of a State which is determined by petition and referendum of farmers residing in the area, and approved by the State Soil Conservation Committee. Districts, in most cases, have authority to solicit Federal, State, county, and private assistance in carrying on their soil and water conservation program within the area. On request of the local governing body of each soil conservation district, the Department of Agriculture provides technical and other assistance to districts, through its several agencies. "Memorandums of understanding" form the basis on which any departmental assistance is provided to a district for use on the farms and ranches within the district. After the basic memorandum with the Department has been signed, the Soil Conservation Service signs a supplemental memorandum with each district governing body requesting assistance, to cover activities which the Soil Conservation Service will help each district to carry out.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series F 56-59") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

## IRRIGATION ENTERPRISES—FEDERAL RECLAMATION

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## No. 769.—IRRIGATION ENTERPRISES—SUMMARY: 1910 TO 1950

[Data are for the 17 Western States, Arkansas, Louisiana, and, for 1940 and 1950, Florida. Tables 769 and 771 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land." See also *Historical Statistics*, series F 56-59.]

ITEM	CENSUS OF—				
	1910	1920	1930	1940 <sup>1</sup>	1950 <sup>1</sup>
Approximate land area..... 1,000 acres	1,224,063	1,223,989	1,223,989	\$1,259,784	1,253,972
Farms (irrigated and nonirrigated) <sup>2</sup> ..... number	1,776,046	1,916,391	2,062,813	1,960,093	1,669,447
Land in all farms <sup>3</sup> ..... 1,000 acres	416,463	505,441	568,694	637,388	734,577
Irrigation enterprises:					
Enterprises..... number	56,858	63,298	75,517	95,265	123,926
Area irrigated..... 1,000 acres	14,433	19,192	19,548	21,136	26,223
Investment in irrigation enterprises..... 1,000 dollars	321,454	697,657	892,756	1,059,105	1,887,738
Increase over preceding census..... percent	359.2	117.0	28.0	18.6	78.2
Aver age per acre irrigated..... dollars	22.27	36.35	45.67	50.11	71.96
Increase over preceding census..... percent		63.2	25.6	9.7	43.6
Average annual cost per acre irrigated for maintenance and operation of irrigation works..... dollars	4 1.07	2.43	2.77	2.19	4.89

<sup>1</sup> Includes Florida; see headnote.<sup>2</sup> Represents redeterminations and therefore differs from figures shown for earlier years.<sup>3</sup> From Census of Agriculture.

<sup>4</sup> Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1950*, Vol. III.

## No. 770.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE: 1939 TO 1955

[In thousands. Comprises projects constructed by United States and those for which supplemental water is furnished from storage works built by United States]

YEAR	ENTIRE AREA				REGULAR AND SUPPLEMENTAL WATER PROJECTS				WARREN ACT, SPECIAL CONTRACTS, LEASED AND WATER RENTAL LANDS SERVED <sup>1</sup>			
	Irrigable acreage	Irrigated acreage	Net area in cultivation (acres)	Crop value	Irrigable acreage	Irrigated acreage	Net area in cultivation (acres)	Crop value	Irrigable acreage	Irrigated acreage	Net area in cultivation (acres)	Crop value
1939.....	3,890	3,141	3,078	\$114,083	2,493	1,923	1,903	\$73,770	1,397	1,218	1,175	\$40,313
1940.....	4,180	3,391	3,316	117,789	2,769	2,153	2,139	80,098	1,411	1,238	1,177	37,601
1941.....	4,946	3,448	3,380	159,886	3,517	2,199	2,178	110,400	1,420	1,249	1,202	49,486
1942.....	4,849	3,936	3,822	272,049	3,461	2,689	2,615	193,784	1,388	1,247	1,207	78,265
1943.....	4,854	4,053	4,014	388,671	2,912	2,368	2,345	214,566	1,942	1,687	1,669	174,105
1944.....	4,940	4,164	4,139	411,226	2,916	2,403	2,409	220,608	2,024	1,761	1,730	190,618
1945.....	5,030	4,163	4,196	435,184	2,958	2,371	2,419	229,052	2,072	1,792	1,777	206,132
1946.....	5,151	4,322	4,397	530,624	3,038	2,458	2,511	274,979	2,113	1,864	1,886	255,645
1947.....	5,167	4,492	4,554	555,421	3,069	2,617	2,617	294,527	2,098	1,898	1,937	260,894
1948.....	5,380	4,559	4,700	534,624	3,198	2,619	2,702	274,225	2,182	1,940	1,998	260,899
1949.....	5,679	4,821	4,916	516,329	3,275	2,749	2,798	274,339	2,404	2,072	2,118	241,990
1950.....	6,025	5,077	5,189	578,238	3,357	2,817	2,867	284,869	2,668	2,260	2,322	293,669
1951.....	6,718	5,876	5,942	821,722	4,049	3,526	3,554	437,207	2,664	2,350	2,388	384,515
1952.....	6,994	5,956	6,026	935,680	4,146	3,570	3,607	495,122	2,848	2,386	2,419	440,558
1953.....	7,148	6,098	6,192	785,940	4,245	3,661	3,717	411,990	2,903	2,437	2,475	378,950
1954.....	7,232	6,126	6,195	865,026	4,339	3,658	3,711	452,199	2,873	2,468	2,484	412,827
1955.....	7,368	6,262	6,364	827,706	4,485	3,757	3,825	424,691	2,883	2,505	2,539	403,015

<sup>1</sup> Warren Act, leased and water rental lands receive excess water over and above regular project requirements. Lands served are usually located outside project proper.

Source: Department of the Interior, Bureau of Reclamation; *Annual Report of Secretary of the Interior*, and official records.

No. 771.—IRRIGATION ENTERPRISES—AREA IRRIGATED, 1939 AND 1949, CAPITAL INVESTED, 1940 AND 1950, AND DAMS, RESERVOIRS, CANALS, PIPELINES, AND WELLS, 1950, BY STATES

[See headnote, table 769. Minus sign (−) denotes decrease]

STATE	AREA IRRIGATED				CAPITAL INVESTED			
	1939		1949		1940	1950		Increase, 1940 to 1950
	Total	Proportion of total	Increase, 1939 to 1949	Total		Proportion of total		
20 States, total.....	Acres 21,136,101	Acres 26,233,215	Percent 100.0	Percent 24.1	Dollars 1,059,105,122	Dollars 1,887,738,707	Percent 100.0	Percent 78.2
Arkansas.....	161,601	419,101	1.6	159.3	5,766,895	14,171,467	0.8	145.7
Louisiana.....	447,095	597,966	2.3	33.7	11,565,513	21,503,040	1.1	85.9
Florida.....	132,362	362,938	1.4	174.2	7,055,921	19,549,139	1.0	177.1
17 Western States, total.....	20,395,043	24,853,210	94.7	21.9	1,034,716,793	1,832,515,061	97.1	77.1
Arizona.....	653,263	979,114	3.7	49.9	83,526,608	137,575,193	7.3	64.7
California.....	5,069,568	6,598,839	26.2	30.2	318,889,218	640,474,185	33.9	100.8
Colorado.....	3,220,685	2,943,895	11.2	-8.6	106,849,343	163,295,813	8.7	52.8
Idaho.....	2,277,857	2,167,870	8.3	-4.8	102,555,798	129,973,554	6.9	26.7
Kansas.....	99,980	140,992	0.5	41.0	2,153,886	5,882,265	0.3	173.1
Montana.....	1,711,409	1,808,576	6.9	5.7	67,352,505	81,256,990	4.8	20.6
Nebraska.....	610,379	887,239	3.4	45.4	39,056,207	56,463,881	3.0	44.6
Nevada.....	739,863	722,896	2.8	-2.3	16,906,790	20,181,476	1.1	19.4
New Mexico.....	554,039	691,476	2.6	24.8	32,735,997	61,137,909	3.2	86.8
North Dakota.....	21,615	35,759	0.1	65.4	1,755,489	2,957,763	0.2	68.5
Oklahoma.....	4,160	44,209	0.2	962.7	272,186	18,076,010	0.7	4,704.1
Oregon.....	1,049,176	1,337,517	5.1	27.5	50,961,251	74,360,981	3.9	45.9
South Dakota.....	60,198	84,356	0.3	40.1	5,395,610	6,617,914	0.4	22.7
Texas.....	1,045,224	3,150,527	12.0	201.4	66,441,376	144,445,313	7.7	117.4
Utah.....	1,176,116	1,166,972	4.4	-0.8	41,896,532	56,539,436	3.0	35.0
Washington.....	615,013	618,129	2.4	0.5	56,415,196	178,289,988	9.4	216.0
Wyoming.....	1,486,498	1,474,835	5.6	-0.8	41,522,801	59,986,390	3.2	44.5

STATE	Diver- sion dams	Reser- voirs	RESERVOIRS WITH CAPACITY REPORTED		Canals and ditches	Pipe lines and siphons	WELLS	
			Reser- voirs	Total capacity			Flow- ing	Pumped
			Number	Number			Number	Number
20 States, total.....	50,131	7,717	7,002	42,407,489	138,967	15,851	10,634	130,688
Arkansas.....	108	86	74	40,431	683	19	18	3,662
Louisiana.....	319	58	57	31,249	3,477	62	849	3,365
Florida.....	355	180	168	3,343	695	482	4,181	7,598
17 Western States, total.....	49,349	7,393	6,703	42,332,466	134,112	15,288	5,586	116,063
Arizona.....	552	269	237	3,625,679	4,800	316	214	4,361
California.....	4,708	1,684	1,502	8,711,667	21,183	10,088	572	72,147
Colorado.....	7,709	1,182	1,106	2,028,550	18,729	251	1,371	4,988
Idaho.....	5,121	364	313	5,124,966	15,159	487	458	888
Kansas.....	127	48	42	25,505	542	13	11	1,343
Montana.....	8,139	629	577	1,598,898	15,499	110	79	142
Nebraska.....	488	114	96	133,934	4,613	88	89	7,157
Nevada.....	4,065	202	176	687,179	3,388	123	290	254
New Mexico.....	1,286	476	448	3,186,401	5,763	168	106	3,846
North Dakota.....	15	11	6	1,101	193	7	-----	4
Oklahoma.....	20	29	27	148,945	354	19	-----	160
Oregon.....	6,231	528	471	2,421,138	8,406	572	188	2,770
South Dakota.....	281	100	94	204,693	964	8	14	27
Texas.....	438	566	508	1,402,883	10,092	1,168	152	15,070
Utah.....	3,080	511	476	2,224,361	9,621	300	1,925	560
Washington.....	1,861	222	205	6,436,522	4,984	1,514	69	2,098
Wyoming.....	5,228	458	410	4,370,044	9,822	56	98	248

## IRRIGATED FARM LAND

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## No. 772.—IRRIGATED LAND IN FARMS, BY STATES: 1939 TO 1954

In 1940, the questionnaire called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1948 and 1950, for total land in farms irrigated in 1944 and 1949; in 1954, irrigated cropland harvested plus irrigated pasture]

DIVISION, STATE, AND REGION	FARMS REPORTING				ACRES IRRIGATED			
	1939	1944	1949	1954	1939	1944	1949	1954
	299,604	288,195	305,061	320,236	17,982,830	20,539,470	25,787,455	29,552,155
United States								
The North	13,656	12,448	18,348	27,648	667,820	861,979	1,258,321	1,925,423
The South	32,639	29,008	39,087	45,195	1,601,384	2,372,296	4,552,481	7,102,185
The West	253,309	246,739	247,626	235,403	15,713,620	17,305,195	19,976,653	20,524,547
New England	338	922	1,581	2,017	2,846	12,153	31,450	38,395
Maine	33	3	123	87	143	100	2,299	1,097
New Hampshire	7	10	51	61	25	63	622	942
Vermont		2	22	55		6	303	689
Massachusetts	231	874	1,053	1,366	2,049	11,355	18,507	22,683
Rhode Island	10	9	52	43	109	133	1,631	1,009
Connecticut	57	24	280	405	520	496	8,088	11,975
Middle Atlantic	1,446	1,415	2,208	4,333	17,260	30,792	54,616	135,886
New York	567	646	888	1,675	5,948	10,316	19,248	59,024
New Jersey	580	675	1,033	1,775	7,956	11,712	28,117	58,912
Pennsylvania	290	94	237	883	3,356	8,764	7,251	17,950
East North Central	1,491	1,206	2,110	3,509	10,833	12,795	36,237	75,578
Ohio	658	463	458	847	4,536	4,178	5,706	15,379
Indiana	136	123	164	443	685	830	5,339	11,738
Illinois	72	47	139	266	307	368	1,510	6,789
Michigan	462	347	995	1,408	2,960	2,850	13,901	23,473
Wisconsin	163	226	354	545	2,345	4,569	9,781	18,199
West North Central	10,381	8,905	12,449	17,789	636,881	806,239	1,136,018	1,675,564
Minnesota	216	27	274	347	2,968	210	4,235	9,207
Iowa	88	54	76	132	2,258	1,197	1,380	2,396
Missouri	140	118	142	752	960	1,113	2,089	32,998
North Dakota	479	206	304	399	10,975	22,814	35,294	37,672
South Dakota	967	708	807	923	54,073	52,895	78,069	90,371
Nebraska	6,913	7,156	9,680	12,500	473,775	631,762	876,259	1,171,369
Kansas	1,578	636	1,166	2,736	82,872	96,248	138,686	331,551
South Atlantic	4,119	4,199	6,516	11,660	128,087	224,446	381,044	536,195
Delaware	2	3	10	81	7	22	404	5,553
Maryland	17	8	30	235	67	287	607	8,344
District of Columbia		16	2	(1)		45	18	(1)
Virginia	53	31	71	763	687	1,419	2,817	21,805
West Virginia	23	11	9	62	270	42	40	1,381
North Carolina	37	19	96	2,704	246	229	2,083	25,423
South Carolina	14	5	84	748	411	62	6,408	22,009
Georgia	26	14	139	1,268	158	423	3,161	23,873
Florida	3,947	4,092	6,075	5,799	126,191	221,917	305,421	427,807
East South Central	111	211	180	4,475	891	1,113	6,950	185,130
Kentucky	46	34	67	1,226	205	230	485	13,434
Tennessee	21	21	35	1,094	311	393	1,012	22,548
Alabama	37	153	34	452	281	487	367	16,658
Mississippi	7	3	44	1,703	94	3	5,086	132,490
West South Central	28,409	24,598	32,391	41,050	1,472,456	2,146,737	4,164,487	6,380,860
Arkansas	1,529	2,229	3,060	6,218	159,412	288,665	422,107	857,863
Louisiana	7,037	7,185	7,438	6,897	413,969	535,619	576,775	707,818
Oklahoma	275	74	466	1,020	4,437	2,237	34,071	108,151
Texas	19,508	15,110	21,427	26,315	894,638	1,320,216	3,131,534	4,707,028
Mountain	135,414	127,963	122,280	112,231	9,912,862	10,703,164	11,642,484	11,207,997
Montana	15,087	12,997	13,457	13,114	1,587,602	1,555,480	1,716,792	1,890,671
Idaho	29,898	28,571	29,413	28,218	1,895,048	2,026,280	2,137,237	2,324,571
Wyoming	8,637	7,793	7,831	7,130	1,284,027	1,353,873	1,431,767	1,262,632
Colorado	29,766	28,054	27,121	23,355	2,467,548	2,698,579	2,872,348	2,262,921
New Mexico	15,811	14,299	12,691	11,690	436,402	534,640	655,287	649,615
Arizona	10,339	9,634	7,822	6,809	575,464	736,027	963,560	1,177,407
Utah	22,612	23,543	21,126	19,406	911,135	1,124,081	1,137,995	1,072,682
Nevada	3,264	3,072	2,819	2,509	755,636	674,204	727,498	567,498
Pacific	117,895	118,776	125,346	123,172	5,800,764	6,602,031	8,334,169	9,316,550
Washington	17,426	15,974	16,928	18,844	493,952	520,153	589,035	778,135
Oregon	16,159	15,597	17,603	19,826	1,030,228	1,129,059	1,306,810	1,490,366
California	84,310	87,205	90,755	84,502	4,276,554	4,952,819	6,438,324	7,048,049

1 Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vols. II and III, and 1954 Census of Agriculture, Vol. II.

## No. 773.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE, BY PROJECT: 1955

STATE AND PROJECT	WATER SUPPLY PROJECTS CONSTRUCTED OR REHABILITATED						WARREN ACT, SPECIAL CONTRACTS, LEASED AND WATER RENTAL LANDS SERVED <sup>3</sup>		
	Full supply <sup>1</sup>			Supplemental supply <sup>2</sup>			Irrigable acreage	Irrigated acreage	Crop value (\$1,000)
	Irrigable acreage	Irrigated acreage	Crop value (\$1,000)	Irrigable acreage	Irrigated acreage	Crop value (\$1,000)			
Total.....	3,218,203	2,606,786	334,094	1,266,942	1,149,728	90,597	2,882,590	2,505,247	403,015
Arizona:									
Gila.....	80,732	51,902	7,310						
Salt River.....	239,200	190,000	51,430				93,353	85,053	20,917
Yuma.....	51,936	45,539	14,618						
Yuma Auxiliary.....	3,305	2,376	635				118	108	48
California:									
Boulder Canyon-All American Canal System:									
Coachella Division.....	74,800	50,140	26,651						
Imperial Division.....							530,000	474,557	89,624
Central Valley.....							852,204	654,425	165,965
Klamath.....	44,082	42,916	5,100				39,908	35,105	2,491
Orland.....	19,439	16,661	1,213						
Yuma.....	14,610	9,997	1,613						
Colorado:									
Colorado-Big Thompson.....				615,000	615,000	51,211			
Fruitgrowers Dam.....				2,662	1,850	309			
Grand Valley.....	33,344	28,863	3,584				9,151	7,700	1,522
Mancos.....				8,746	7,217	309			
Missouri River Basin: Upper Republican Division:									
St. Francis Unit.....				745	745	48			
Paonia.....	11,500	8,900	737						
Pine River.....				40,718	34,878	1,294			
Pine River Indian Irrig. Uncompahgre.....				10,062	9,797	350			
Idaho:							15,859	15,595	560
Avondale.....				745	745	48			
Boise.....	927	287	19						
Dalton Gardens.....	222,416	200,498	18,435				133,714	125,597	12,752
Lewiston Orchards.....	944	484	39						
Minidoka.....	3,528	2,198	773						
Owyhee.....	234,515	202,950	16,925	112,000	103,264	9,549	749,287	713,963	55,061
Preston Bench.....	33,454	31,809	3,127						
Rathdrum Prairie.....	4,236	3,415	341						
Kansas:									
Missouri River Basin: Bostwick Division: Superior-Courtland Unit.....				123					
Montana:									
Bitter Root.....	16,665	16,386	552						
Buffalo Rapids.....	23,325	20,651	1,170				2,401	2,401	94
Frenchtown.....	4,810	3,932	215						
Huntley.....	32,508	24,680	1,243				644	644	48
Intake.....				17					
Lower Yellowstone.....	36,865	32,061	2,099				530	530	26
Milk River.....	123,892	71,728	3,293	8,328	6,533	79			
Missoula Valley.....				31					
Missouri River Basin: Three Forks Div.: Crow Creek Pump Unit.....									
Yellowstone Division: Savage Unit.....	1,542	813	21						
Sun River.....	2,215	2,022	62						
Nebraska:									
Mirage Flats.....	11,657	11,190	981						
Missouri River Basin: Bostwick Division: Superior-Courtland Unit.....									
Frenchman-Cambridge Division.....	18,813	10,434	894						
North Platte.....	22,390	15,528	1,319						
See footnotes at end of table.	173,839	152,366	12,389				114,764	90,065	9,651

## No. 773.—FEDERAL BUREAU OF RECLAMATION IRRIGATION PROJECTS—ACREAGE AND CROP VALUE, BY PROJECT: 1955—Continued

STATE AND PROJECT	WATER SUPPLY PROJECTS CONSTRUCTED OR REHABILITATED						WARREN ACT, SPECIAL CONTRACTS, LEASED AND WATER RENTAL LANDS SERVED <sup>3</sup>		
	Full supply <sup>1</sup>			Supplemental supply <sup>2</sup>			Irrigable acreage	Irrigated acreage	Crop value (\$1,000)
	Irrigable acreage	Irrigated acreage	Crop value (\$1,000)	Irrigable acreage	Irrigated acreage	Crop value (\$1,000)			
Nevada: Humboldt Newlands.....	71,018	58,472	3,076	37,446	20,275	1,120	-----	-----	-----
Truckee Storage.....				29,212	22,697	1,774	-----	-----	-----
New Mexico: Carlsbad.....	25,055	20,000	3,696	-----	-----	-----	-----	-----	-----
Fort Sumner.....	6,500	5,379	464	-----	-----	-----	-----	-----	-----
Rio Grande.....	102,126	86,153	19,635	-----	-----	-----	-----	-----	-----
Theunscarl.....	42,214	33,616	1,869	-----	-----	-----	-----	-----	-----
Vermejo.....	7,379	3,768	107	-----	-----	-----	-----	-----	-----
North Dakota: Buford-Trenton.....	10,510	9,074	404	-----	-----	-----	-----	-----	-----
Lower Yellowstone.....	19,405	16,456	1,020	-----	-----	-----	-----	-----	-----
Missouri River Basin: Heart Division: Dickinson Unit.....	-----	-----	-----	-----	-----	-----	288	288	15
Heart Butte Unit.....	-----	-----	-----	-----	-----	-----	70	70	4
North Dakota Pumping Division: Fort Clark Unit.....	2,056	455	27	-----	-----	-----	-----	-----	-----
Oklahoma: W. C. Austin.....	47,809	42,847	4,718	-----	-----	-----	-----	-----	-----
Oregon: Arnold.....	4,248	2,632	135	-----	-----	-----	-----	-----	-----
Baker.....	-----	-----	-----	7,812	7,305	343	-----	-----	-----
Boise.....	1,724	1,424	86	-----	-----	-----	-----	-----	-----
Burnt River.....	-----	-----	-----	15,230	15,115	737	-----	-----	-----
Crescent Lake Dam.....	6,831	5,611	391	-----	-----	-----	-----	-----	-----
Deschutes.....	50,000	47,801	6,441	48,448	45,535	3,545	1,214	1,214	93
Grants Pass.....	10,369	7,408	946	-----	-----	-----	94,215	85,314	6,193
Klamath.....	39,344	35,344	3,125	-----	-----	-----	-----	-----	-----
Ochoco.....	8,500	8,140	605	-----	-----	-----	18,800	12,860	2,334
Owyhee.....	71,685	67,657	7,747	-----	-----	-----	-----	-----	-----
Umatilla.....	18,033	12,159	722	14,200	11,043	1,113	536	515	60
Vale.....	32,000	30,415	1,704	-----	-----	-----	-----	-----	-----
South Dakota: Belle Fourche.....	57,400	54,537	2,242	-----	-----	-----	-----	-----	-----
Missouri River Basin: Cheyenne Division: Angostura Unit.....	8,682	7,795	419	-----	-----	-----	289	289	6
Rapid Valley.....	-----	-----	-----	8,900	7,583	189	-----	-----	-----
Texas: Balmorhea.....	75,890	56,229	12,811	-----	10,608	8,094	991	18,330	5,455
Rio Grande.....	-----	-----	-----	-----	-----	-----	-----	-----	1,630
Utah: Hyrum.....	-----	-----	-----	6,800	5,764	359	-----	-----	-----
Moon Lake.....	-----	-----	-----	75,256	49,720	1,037	-----	-----	-----
Newton.....	-----	-----	-----	2,200	1,963	106	-----	-----	-----
Ogden River.....	-----	-----	-----	23,656	15,765	1,715	-----	-----	-----
Provo River.....	-----	-----	-----	46,609	38,610	4,025	-----	-----	-----
Sanpete.....	-----	-----	-----	13,663	12,063	496	-----	-----	-----
Scofield.....	-----	-----	-----	15,609	14,219	660	-----	-----	-----
Strawberry Valley.....	39,939	36,821	2,474	-----	109,032	90,960	8,937	4,435	4,302
Weber River.....	-----	-----	-----	-----	-----	-----	-----	-----	327
Washington: Columbia Basin.....	246,849	149,229	16,961	-----	-----	-----	-----	-----	-----
Okanogan.....	5,316	3,983	739	-----	-----	-----	-----	-----	-----
Yakima.....	267,068	228,556	48,009	-----	-----	-----	182,031	165,399	31,542
Wyoming: Kendrick.....	22,128	12,857	537	-----	-----	-----	-----	-----	-----
North Platte.....	52,484	50,846	4,315	-----	-----	-----	16,317	14,809	1,053
Riverton.....	55,808	51,635	2,047	-----	-----	-----	6,475	6,475	246
Shoshone.....	93,318	75,198	2,841	-----	-----	-----	789	789	14

<sup>1</sup> Projects receiving or to receive entire water supply from facilities constructed, rehabilitated, or improved by the Bureau.

<sup>2</sup> Projects receiving or to receive partial water supply from Bureau facilities.

<sup>3</sup> Lands receiving or to receive either a full or supplemental irrigation water supply from Bureau-constructed facilities. Leased and water rental lands comprises: Irrigable acreage 77,954 acres; irrigated acreage 49,284 acres; crop value \$3,209,323.

Source: Department of the Interior, Bureau of Reclamation; 1955 Crop Summary and Related Data, Federal Reclamation Projects.

No. 774.—NUMBER AND AREA OF DRAINAGE ENTERPRISES CLASSIFIED BY SIZE:  
1920 TO 1950

SIZE GROUP	Number of enterprises, 1950	AREA OF ENTERPRISES (acres) <sup>1</sup>						
		All drainage States			30 States <sup>2</sup>			
		1920	1930	1940	1920	1930	1940	1950
Total	14,066	95,629,291	128,495,078	132,828,451	23,657,216	41,644,155	45,207,287	54,617,706
Under 100 acres								
100 to 199 acres	8,273	1,152,025	824,157	525,455	12,395	2,727	4,383	
200 to 499 acres		1,040,664	1,446,870			12,057	19,496	603,554
500 to 999 acres		5,222,615	5,984,023	7,093,485	99,112	147,705	220,974	
1,000 to 1,999 acres	1,586	9,001,516	11,130,096	11,234,727	368,736	910,371	953,935	1,098,279
2,000 to 4,999 acres	1,398	29,522,536	34,074,009	34,558,019	3,183,867	4,998,968	1,726,342	1,962,013
5,000 to 9,999 acres	651	13,357,936	15,865,002	16,387,515	2,820,328	4,484,862	4,542,720	4,528,231
10,000 to 19,999 acres	433	23,826,149	35,075,951	16,964,180	9,423,712	14,768,991	16,041,949	6,003,783
20,000 to 49,999 acres	268	120,141,844				10,047,929	7,920,801	
50,000 to 99,999 acres	87	8,605,536	11,403,982	10,760,472	4,880,449	6,304,255	6,816,045	6,084,562
100,000 to 199,999 acres	25	4,850,978	10,218,995	5,925,431	2,868,617	3,794,141	3,566,263	
200,000 to 499,999 acres	19			3,155,493		10,014,219	2,954,853	6,575,555
500,000 acres and over	12		3,378,190	4,128,882		4,128,882	12,172,486	

<sup>1</sup> Sum of areas in individual enterprises without deduction for area in more than 1 enterprise (overlapped).<sup>2</sup> Largely States with organized drainage districts and other corporate and private enterprises. See text, p. 603.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. IV.

No. 775.—FARM DRAINAGE—ANNUAL COST AND FUNDS COLLECTED, FOR ALL DRAINAGE STATES: 1940 TO 1949

ITEM	All drainage States, amount	30 STATES <sup>1</sup>	
		Number of enterprises reporting	Amount
<b>Cost of construction and operation and maintenance, 1940 to 1949</b>			
1940	\$179,033,770	3,426	\$110,231,690
1941	11,118,467	1,513	6,196,439
1942	11,858,842	1,519	6,658,374
1943	11,622,551	1,518	6,728,109
1944	11,680,225	1,577	7,043,661
1945	13,754,850	1,582	8,135,637
1946	15,874,399	1,671	9,077,448
1947	18,868,027	1,853	11,645,339
1948	23,635,739	2,022	15,224,054
1949	29,103,492	2,133	19,222,181
	31,517,208	2,214	20,305,448
<b>Cost of new drainage works, 1940 to 1949</b>			
1940	23,872,422	983	16,288,346
1941	292,905	28	211,662
1942	595,553	36	456,885
1943	668,364	38	485,030
1944	761,825	55	552,887
1945	347,874	58	555,754
1946	1,841,360	106	1,209,478
1947	2,656,197	175	1,845,545
1948	3,982,765	285	2,675,951
1949	5,480,198	334	3,811,674
	6,745,381	399	4,453,480
<b>Funds collected for drainage, 1940 to 1949</b>			
1940	209,919,061	3,471	144,415,544
1941	14,826,778	1,544	9,876,982
1942	16,059,107	1,516	10,964,089
1943	16,434,645	1,534	11,257,930
1944	16,604,413	1,549	11,745,320
1945	17,857,447	1,574	12,352,386
1946	19,898,508	1,650	13,748,625
1947	24,077,324	1,792	16,740,225
1948	25,669,339	1,968	18,062,647
1949	28,090,532	2,072	19,551,283
	30,405,968	2,107	20,116,051

<sup>1</sup> Largely States with organized drainage districts and other corporate and private enterprises.<sup>2</sup> Largely county-drain States. See text, p. 603.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1950, Vol. IV.

## No. 776.—GROWTH OF CONSERVATION DISTRICTS: 1938 TO 1956

[For years ending June 30. See text, p. 604. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands. Beginning 1946, figures include Imperial Irrigation District, California.]

YEAR	DISTRICTS ORGANIZED		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUMS	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	Number	Number
1938	69	69	36,107	36,107	34	34
1939	92	161	52,339	88,446	79	113
1940	153	314	101,306	189,752	120	233
1941 <sup>1</sup>	241	555	145,091	334,843	201	434
1942	230	785	122,727	457,570	219	653
1943	116	901	60,102	517,672	159	812
1944	213	1,114	102,819	620,491	171	983
1945 <sup>2</sup>	232	1,346	120,388	740,859	221	1,204
1946	292	1,638	143,119	883,977	223	1,427
1947	251	1,889	118,991	1,002,969	315	1,742
1948	144	2,033	111,035	1,114,003	174	1,916
1949	131	2,164	64,760	1,178,763	168	2,074
1950	121	2,285	74,721	1,253,484	133	2,207
1951	88	2,373	51,626	1,305,110	122	2,329
1952	94	2,467	53,803	1,358,913	89	2,418
1953	82	2,549	45,075	1,403,989	59	2,477
1954	60	2,618	37,507	1,441,496	104	2,581
1955	56	2,674	43,478	1,484,974	63	2,644
1956	47	2,721	61,482	1,546,456	38	2,682

<sup>1</sup> Beginning 1941, includes wind-erosion districts and grazing districts.

<sup>2</sup> Beginning 1945, totals at end of each year are net, including corrections and adjustments made during year.

Source: Department of Agriculture, Soil Conservation Service; *Report of Administrator of Soil Conservation Service*.

## No. 777.—CONSERVATION PRACTICES NEWLY APPLIED IN CONSERVATION DISTRICTS, WITH SOIL CONSERVATION SERVICE ASSISTANCE: 1950 TO 1956

[For years ending June 30. See text, p. 604. Includes Alaska, Hawaii, Puerto Rico, and Virgin Islands]

PRACTICE	Unit	1950	1952	1953	1954	1955	1956
Contour farming-----	Acres-----	3,491,511	2,910,867	3,342,055	4,127,109	3,146,889	2,965,786
Cover cropping-----	do-----	3,111,387	3,296,085	3,651,549	4,839,091	4,506,678	3,832,090
Strip cropping-----	do-----	829,200	805,125	790,610	930,235	947,611	971,131
Seeding range and pasture-----	do-----	1,876,832	2,920,412	2,902,820	3,008,406	3,134,638	3,278,121
Farm and ranch ponds-----	Number-----	37,780	61,578	60,497	64,521	86,574	78,869
Tree planting-----	Acres-----	126,784	154,883	248,271	266,038	315,657	351,479
Terraces-----	Miles-----	100,612	66,853	51,064	47,791	45,806	52,187
Diversions-----	do-----	5,892	6,526	5,682	4,808	6,902	5,590
Farm drainage-----	Acres-----	1,161,402	1,314,682	1,560,377	1,577,760	1,553,562	1,510,196
Irrigation land leveling-----	do-----	315,519	407,851	417,961	375,093	493,907	575,023
Improved water application-----	do-----	617,606	538,373	784,407	949,680	1,713,618	1,719,558

Source: Department of Agriculture, Soil Conservation Service; *Report of Administrator of Soil Conservation Service*.

## No. 778.—SOIL CONSERVATION DISTRICTS—SUMMARY, BY STATES AND OTHER AREAS: CUMULATIVE TO JUNE 30, 1956

[See text, p. 604]

STATE OR OTHER AREA	Date district law became effective	APPROXIMATE AREA AND F FARMS WITHIN ORGANIZED DISTRICTS			Districts having Memorandum of understanding with D. of A. <sup>2</sup>	SOIL CONSERVATION DISTRICT COOPERATORS <sup>3</sup>	
		Districts organized <sup>1</sup>	Total area	Farms and ranches	Land in farms	Cooper- ators	Total area
Total.		Number 2,721	1,000 acres 2,721 1,546,456	Number 4,951	1,000 acres 1,005,457	Number 2,688	1,000 acres 1,644,066
Continental U. S.		2,678	1,536,514	4,890	1,001,968	2,646	1,626,277
Alabama	Mar. 18, 1939	12	32,690	211	20,889	12	57,626
Arizona	June 16, 1941	47	38,615	9	13,534	46	4,811
Arkansas	July 1, 1937	74	33,712	182	18,948	74	65,922
California <sup>4</sup>	June 26, 1938	123	39,564	81	17,634	113	24,540
Colorado	May 6, 1937	100	43,813	43	26,641	100	16,514
Connecticut	July 18, 1945	8	3,135	16	1,272	8	4,300
Delaware	Apr. 2, 1943	3	1,266	9	851	3	2,123
Florida	June 10, 1937	58	28,626	54	15,203	58	19,469
Georgia	Mar. 23, 1937	27	37,225	197	25,657	27	94,234
Idaho	Mar. 9, 1939	42	31,151	29	9,206	42	13,519
Illinois	July 9, 1937	97	32,528	189	30,101	97	44,514
Indiana	Mar. 11, 1937	69	16,820	117	14,147	69	25,054
Iowa	July 4, 1939	100	34,265	203	34,265	100	56,649
Kansas	April 10, 1937	105	52,549	131	50,706	105	67,286
Kentucky	June 11, 1940	122	25,435	217	19,392	122	85,495
Louisiana	July 27, 1938	26	27,939	123	11,134	26	36,228
Maine	Mar. 25, 1941	15	16,485	29	4,000	15	7,865
Maryland	June 1, 1937	23	6,099	35	3,914	23	15,111
Massachusetts	June 28, 1945	15	5,000	22	1,660	15	7,214
Michigan	July 23, 1937	75	29,534	141	15,815	75	29,653
Minnesota	Apr. 26, 1937	72	28,480	128	23,806	70	30,423
Mississippi	Apr. 4, 1938	74	30,231	251	20,704	74	62,768
Missouri	July 23, 1943	32	9,053	61	9,053	32	12,612
Montana <sup>5</sup>	Feb. 28, 1939	70	85,496	34	53,549	70	12,889
Nebraska	May 18, 1937	87	48,412	107	47,992	87	53,228
Nevada	Mar. 30, 1937	32	59,553	3	7,232	31	2,012
New Hampshire	May 10, 1945	10	5,771	13	1,714	10	4,867
New Jersey	July 1, 1937	12	4,785	25	1,725	12	6,971
New Mexico	Mar. 17, 1937	61	50,244	29	41,832	61	12,616
New York	July 20, 1947	45	22,787	104	13,865	43	36,658
North Carolina	Mar. 22, 1937	37	31,422	289	19,318	37	80,991
North Dakota	Mar. 16, 1937	79	43,630	68	38,592	79	31,564
Ohio	June 5, 1941	86	23,545	194	20,519	86	36,136
Oklahoma	April 15, 1937	86	43,576	141	35,414	86	82,908
Oregon	April 7, 1938	51	34,261	46	15,176	51	9,294
Pennsylvania	July 2, 1937	38	16,855	89	8,869	32	21,082
Rhode Island	April 26, 1943	3	677	3	191	3	1,063
South Carolina	April 17, 1937	44	19,395	139	12,475	44	40,269
South Dakota	July 1, 1937	68	37,536	60	37,536	67	31,790
Tennessee	March 10, 1939	88	25,101	218	17,698	85	38,591
Texas <sup>6</sup>	April 24, 1939	172	162,230	326	139,958	168	176,321
Utah	Mar. 23, 1937	48	47,584	29	13,313	48	11,043
Vermont	April 18, 1939	13	5,931	19	3,527	13	10,123
Virginia	April 1, 1938	29	24,959	149	15,243	29	38,102
Washington	Mar. 17, 1939	76	38,369	69	15,830	75	29,272
West Virginia	June 12, 1939	14	15,272	81	8,171	14	33,193
Wisconsin	July 1, 1937	67	32,784	167	22,931	67	36,184
Wyoming	May 22, 1941	43	42,124	10	19,766	42	5,182
Alaska	Mar. 25, 1947	9	4,391	1	104	8	381
Hawaii	May 19, 1947	15	3,281	5	1,529	15	901
Puerto Rico	July 1, 1946	17	2,185	54	1,792	17	15,920
Virgin Islands	June 1, 1946	2	85	1	64	2	587

<sup>1</sup> For specific procedure on organization of soil conservation districts, see respective State soil conservation district law. By provision of most State district laws, State soil conservation committee has responsibility for organization of districts. Local district governing bodies administer affairs of each individual district.

<sup>2</sup> Soil Conservation Service furnishes technical and other assistance to practically all districts that have entered into Memorandums of understanding with Department of Agriculture.

<sup>3</sup> Comprises all farmer-district cooperative agreements for initial, advanced and basic conservation plans (formerly shown as active conservation plans only, not including initial and advanced agreements). Cancellations caused by death, change in ownership, or mutual consent have been deducted. Data on plans and treated areas included only work done through farmer district cooperative agreements since Aug. 1937 with assistance of Soil Conservation Service.

<sup>4</sup> Includes Imperial Irrigation District.

<sup>5</sup> Includes 11 State cooperative grazing districts.

<sup>6</sup> Includes 1 wind-erosion district.

Source: Department of Agriculture, Soil Conservation Service; Report of Administrator of Soil Conservation Service.

## Section 24

### Agriculture—General Statistics

This section presents measures of the broader aspects of our farm economy: The number, value, acreage, and ownership of farms; agricultural balance sheet; and farm prices, income, expenditures, and debt.

The principal sources of these data are the *U. S. Census of Agriculture*, conducted by the Bureau of the Census, and the many current and annual publications of the Department of Agriculture, among which are: *The Balance Sheet of Agriculture*, *Current Developments in the Farm Real Estate Market*, *Agricultural Finance Review*, *The Farm Income Situation*, *Agricultural Statistics*, *Agricultural Prices*, *Crops and Markets*, and *Statistics of Farmers' Marketing, Purchasing, and Service Cooperatives*.

Data on farm output and productivity, on specific crops, acreage, and production, and on livestock and poultry may be found in section 25, Agriculture—Production and Related Subjects.

Starting in 1840 a Census of Agriculture has been conducted every 10 years. In 1925, 1935, 1945, and 1954 a mid-decade census has also been taken. The data have been obtained by personal enumeration of individual farms. The first Census of Agriculture, limited in scope, included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry and products of the dairy, and the production of principal crops. Data concerning the number, acreage, and value of farms were first introduced in the Census of 1850. In 1880, information was first secured as to the tenure under which farms were operated. A detailed classification of farm land according to use was first obtained in 1925.

**Farms and farmland.**—In the course of its history, the Bureau of the Census has employed several definitions of a farm. According to the latest definition (used in the 1950 and 1954 Censuses) a farm is all the land on which some agricultural operations are performed by a person, either by the operator or with the assistance of household or hired labor. Places of 3 acres or more are considered farms if their production is valued at a minimum of \$150, exclusive of that from a home garden. Places of less than 3 acres must have sold a minimum of \$150 of their production to be classified as a farm.

According to the definition used from 1925 to 1945, places of 3 acres or more were counted as farms if any agricultural products, other than from a home garden, were produced, while places of less than 3 acres were classified as farms if the agricultural production was valued at a minimum of \$250. For the definitions used in earlier censuses, see *U. S. Census of Agriculture: 1950*, Vol. II, Introduction.

Agricultural operations consist of the production of crops or plants, vines, or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, fur farms, mushroom houses, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus, for a plantation, each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the

**Note.**—This section presents data for the most recent year or period available on May 9, 1957, when the material was organized and sent to the printer. In some instances, more recent data were added later.

operator and considered a part of his farm. Land used for grazing or pasture that was neither owned nor leased by the farm operator generally was not included under land in farms. Rent-free lands were included in an operator's farm only if he had sole use of such lands. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

**Farm prices and income.**—Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained by the Agricultural Marketing Service from about 33,000 voluntary reporters, which include farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month in which a particular crop harvest begins.

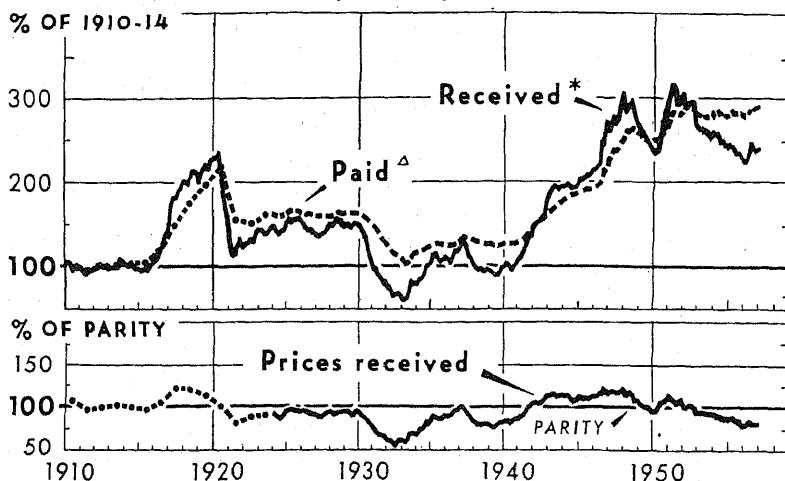
The index numbers of prices received and of prices paid by farmers are based on current midmonth prices for these commodities. For information concerning methods of construction of the indexes, see Supplement No. 1 to the January 1950 issue of *Agricultural Prices*, issued by the Agricultural Marketing Service. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers.

Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, and rental value of farm homes, as well as cash receipts from farm marketings.

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics*, series E 1-16") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*. See preface.

FIG. XXXIV.—INDEXES OF PRICES RECEIVED AND PAID BY FARMERS:  
1910 TO 1956

[See table 801]



\* Monthly data.

△ Includes interest, taxes, and wage rates. Annual average data, 1910 to 1923; by quarters, 1924 to 1936; by months, 1937 to date.

Source: Department of Agriculture, Agricultural Marketing Service.

## FARM POPULATION—FARM PROPERTY

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No. 779.—FARM POPULATION—NUMBER, PERCENT OF TOTAL POPULATION, AND COMPONENTS OF CHANGE: 1910 TO 1956  
[In thousands]

YEAR	Farm population, Apr. 1	Net change: Births and deaths	MIGRATION 1			Farm population as a percent of total population <sup>2</sup>	YEAR	Farm population, Apr. 1	Net change: Births and deaths	MIGRATION 1			Farm population as a percent of total population <sup>2</sup>
			Net	To farms	From farms					Net	To farms	From farms	
1910	32,077	(3)	(3)	(3)	(3)	34.9	1942	29,234	422	-2,975	824	3,799	21.7
1920	31,974	485	-336	560	896	30.1	1943	26,681	377	-1,563	1,095	2,658	19.6
1925	31,190	491	-702	1,336	2,038	27.0	1944	25,495	364	-564	916	1,480	18.5
1930	30,529	377	-61	1,985	2,046	24.9	1945	25,295	324	+864	2,585	1,721	18.1
1931	30,845	387	+156	1,918	1,762	24.9	1946	26,483	490	+151	1,768	1,617	18.8
1932	31,388	398	+607	1,826	1,219	25.2	1947	27,124	465	-1,686	1,016	2,702	18.9
1933	32,393	375	-463	970	1,433	25.8	1948	25,903	422	-371	1,171	1,542	17.7
1934	32,305	383	-527	783	1,310	25.6	1949	25,954	418	-1,314	905	2,309	17.5
1935	32,161	375	-799	825	1,624	25.3	1950	25,058	404	-1,302	597	1,899	16.6
1936	31,737	363	-834	719	1,553	24.8	1951	24,160	394	-271	643	914	15.7
1937	31,266	375	-661	872	1,533	24.3	1952	24,283	392	-1,006	528	2,524	15.5
1938	30,980	405	-545	823	1,368	23.9	1953	22,679	382	-1,171	675	1,846	14.3
1939	30,840	410	-703	819	1,522	23.6	1954	21,890	359	-91	544	635	13.5
1940	30,547	359	-633	696	1,329	23.2	1955	22,158	355	-256	497	753	13.5
1941	30,273	385	-1,424	822	2,246	22.7	1956	22,257					13.3

<sup>1</sup> For 1940 and subsequent years, includes inductions and enlistments into the Armed Forces, and persons returning from the Armed Forces. For all years includes persons who have not moved but who are in and out of the farm population because agricultural operations have ceased or have begun on the place where they are living.

<sup>2</sup> Includes Armed Forces overseas.

<sup>3</sup> Not available.

Source: Department of Agriculture, Agricultural Marketing Service; *Farm Population, Migration to and from Farms, 1920-1954*, AMS-10, and *Farm Population* (annual bulletin AMS-80).

## No. 780.—FARMS AND FARM PROPERTY—SUMMARY: 1920 TO 1956

[Revised estimates of farm population as of Apr. 1 by Agricultural Marketing Service and Bureau of the Census; farm values, Agricultural Research Service as of Mar. 1. See also *Historical Statistics*, series E 1-16]

ITEM	1920	1930	1940	1945	1950	1954	1955	1956
Farm population.....	1,000	31,974	30,529	30,547	25,295	25,058	21,890	22,158
Percent of total population <sup>1</sup> .....		30.1	24.9	23.2	18.1	16.6	13.5	13.3
Number of farms <sup>2</sup> .....	1,000	6,518	6,540	6,350	5,967	5,648	5,100	5,000
Total value, selected items of farm property <sup>3</sup> .....	mil. dol.	78,688	57,815	41,923	60,247	102,438	122,352	125,983
Farmland and buildings, value.....	mil. dol.	66,316	47,873	33,636	53,884	75,255	94,688	95,780
Average value per farm.....	mil. dol.	10,174	7,313	5,297	9,030	18,324	18,566	19,756
Average value per acre.....	mil. dol.	69.38	48.52	31.71	47.20	64.96	81.76	85.29
Index of estimated value per acre: <sup>4</sup>								
1912-14=100.....		173	114	82	124	174	216	224
1947-49=100.....		103	68	49	74	103	128	133
Farms changing ownership per 1,000 farms (estimated number), total <sup>5</sup> .....		43.4	61.5	62.8	69.5	52.2	44.1	46.6
Voluntary sales and trades <sup>6</sup> .....			23.7	30.3	51.5	37.0	29.9	31.9
Forced sales and related defaults.....			20.8	15.8	2.9	1.8	2.1	2.4
Foreclosures of mortgages, bankruptcies, etc. <sup>7</sup> .....		4.0	15.7	12.5	1.9	1.4	1.7	2.0
Delinquent taxes.....			5.1	3.3	1.0	0.4	0.4	0.6
Other transfers <sup>8</sup> .....			17.0	16.7	15.1	13.4	12.1	12.3
Percentage of voluntary sales and trades:								
Purchased by local residents.....			82	83	82	79	78	79
Purchased for operation.....			81	78	74	80	78	77
Occupation of purchaser:								
Active farmer.....			72	68	63	67	65	66
Retired farmer.....			4	4	3	5	5	6
Other occupation.....			24	28	34	28	30	29

<sup>1</sup> Total population includes Armed Forces overseas.

<sup>2</sup> Census figures, adjusted for underenumeration. Intercensal years interpolated on basis of change in farm population.

<sup>3</sup> Comprises farm land and buildings, implements and machinery and livestock, including poultry. Turkeys included from 1929 to date.

<sup>4</sup> As of March 1. <sup>5</sup> Year ending Mar. 15. <sup>6</sup> Includes contracts to purchase (but not options).

<sup>7</sup> Includes loss of title by default of contract, and surrender of title or transfers to avoid foreclosures.

<sup>8</sup> Comprises inheritance and gift transfers; sales in settlement of estates; and miscellaneous and unclassified sales.

Source: Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service. Published in part in *Current Developments in the Farm Real Estate Market*.

## No. 781.—LAND UTILIZATION, FARM AND NONFARM: 1910 TO 1954

[In millions of acres. For calendar year indicated; cropland and pastureland, except for 1954, usually relate to preceding year. Changes in total area represent remeasurements]

MAJOR LAND USES	1910	1920	1925	1930	1935	1940	1945	1950	1954
Total land area.....	1,903	1,903	1,903	1,903	1,903	1,905	1,905	1,904	1,904
In farms.....									
Cropland.....	879	956	924	987	1,055	1,061	1,142	1,159	1,158
Used for crops <sup>1</sup> .....	347	402	391	413	416	399	403	409	399
Idle or in cover crops.....	324	374	365	379	375	363	379	387	380
Grassland and pasture <sup>2</sup> .....	23	28	26	34	41	36	24	19	
Forest and woodland.....	284	328	331	379	410	461	529	485	526
Forested.....	191	168	144	150	185	157	166	220	197
Pastured.....	98	77	77	85	108	100	95	135	121
Not pastured.....	93	91	67	65	77	57	71	85	76
Farmsteads, roads, and other land.....	57	58	58	45	44	44	44	45	36
Not in farms.....	1,024	947	979	916	848	844	763	745	746
Grazing land <sup>3</sup> .....	739	661	646	578	533	504	428	400	353
Forest land not used for grazing <sup>4</sup> .....	162	160	203	208	184	203	186	201	238
Other land <sup>5</sup> .....	123	126	130	130	131	137	149	144	155

<sup>1</sup> Comprises cropland harvested, crop failure, and cultivated summer fallow.

<sup>2</sup> Comprises all open or nonforested pasture in farms. Includes cropland used only for pasture 1945 to 1954, and plowable pasture in earlier years.

<sup>3</sup> Comprises land used chiefly for grazing. Includes open or nonforested grazing land and idle grassland for first decades; forest and arid woodland, and shrub and brush grazing land for all years.

<sup>4</sup> Excludes forested areas in parks, wildlife refuges, military areas, recreation sites, and forest land used for grazing.

<sup>5</sup> Comprises urban, industrial, and residential areas outside farms; parks and wildlife refuges; military lands; roads; railroads; ungrazed desert, rock, swamp, and other unused and waste land.

Source: Department of Agriculture, Agricultural Research Service. Compiled from Bureau of the Census reports, publications and records of the Agricultural Research Service and the former Bureau of Agricultural Economics, and public land administering and conservation agencies.

## No. 782.—LAND UTILIZATION, BY OWNERSHIP: 1930 TO 1954

[In millions of acres. See headnote, table 781. Private land comprises that owned by individuals, private groups, corporations, and Indian land under Government administration. Public comprises that owned by Federal, State, or local governments]

MAJOR LAND USES	1930	1945	1950	1954	MAJOR LAND USES					1930	1945	1950	1954
					Woodland and forest land not used for grazing.....	Private.....	Public.....	Special uses <sup>1</sup> .....	Private.....				
Total land area.....	1,903	1,905	1,904	1,904						273	265	286	314
Private.....	1,409	1,396	1,309	1,309						168	156	184	211
Public.....	494	509	505	505						105	109	102	103
Cropland.....	413	403	409	399						64	100	105	110
Private.....	411	401	405	396						23	26	27	33
Public.....	2	2	4	3						41	74	78	77
Pasture and grazing <sup>2</sup> .....	1,042	1,052	1,020	1,000						111	85	84	81
Private.....	745	748	724	704						62	65	59	55
Public.....	297	304	296	296						49	20	25	26

<sup>1</sup> Includes woodland and forest land used or usable for grazing.

<sup>2</sup> Towns, cities, farmsteads, highways, roads, parks, wildlife refuges, watersupply areas, and military lands.

Source: Department of Agriculture, Agricultural Research Service. Compiled from various sources, including State and Federal publications and records and reports of numerous State agencies.

No. 783.—LAND IN FARMS, BY TYPE OF OWNER, BY GEOGRAPHIC DIVISIONS: 1954  
[In thousands of acres]

DIVISION	Total acreage	TYPE OF OWNER					PERCENT OF TOTAL		
		Indi- viduals <sup>1</sup>	Corpo- ra-tions	Government		Indi- ans <sup>2</sup>	Indi- viduals	Corpo- ra-tions	Govern- ment <sup>3</sup>
				Federal	Other				
United States.....	1,158,192	1,015,194	57,488	13,585	31,176	40,750	87.6	5.0	7.4
New England.....	11,121	10,867	163	8	83	-----	97.7	1.5	0.8
Middle Atlantic.....	29,898	29,253	477	46	121	1	97.8	1.6	0.6
East North Central.....	108,597	107,046	1,156	106	290	-----	98.6	1.1	0.3
West North Central.....	284,861	271,659	3,447	1,421	3,938	4,396	95.4	1.2	3.4
South Atlantic.....	98,259	92,245	5,204	201	343	265	93.8	5.3	0.9
East South Central.....	77,202	74,938	1,857	192	215	-----	97.1	2.4	0.5
West South Central.....	210,828	195,105	11,434	698	2,958	633	92.5	5.4	2.1
Mountain.....	200,942	172,134	24,944	8,124	21,901	33,839	66.0	9.5	24.5
Pacific.....	78,484	61,947	8,806	2,789	1,327	1,616	81.0	11.5	7.5

<sup>1</sup> Includes partnerships. <sup>2</sup> Mostly under Federal jurisdiction. <sup>3</sup> Includes Indian land.

Source: Department of Commerce, Bureau of the Census.

## No. 784.—FARMLAND, BY USE, BY STATES: 1949 AND 1954

[In thousands of acres. For total land in farms, see table 785]

DIVISION AND STATE	CROPLAND HARVESTED		CROPLAND USED ONLY FOR PASTURE		CROPLAND NOT HARVESTED AND NOT PASTURED		OTHER THAN CROPLAND	
	1949	1954	1949	1954	1949	1954	1949	1954
<b>United States</b>	<b>344,399</b>	<b>332,870</b>	<b>69,332</b>	<b>66,070</b>	<b>64,108</b>	<b>60,709</b>	<b>680,728</b>	<b>698,543</b>
The North	207,888	207,612	29,039	26,721	27,842	25,148	176,060	174,997
The South	96,599	86,590	30,867	30,974	18,906	16,041	246,844	252,684
The West	39,912	38,669	9,426	8,375	17,360	19,520	257,825	270,862
New England	2,805	2,493	847	811	564	490	8,330	7,327
Maine	932	796	221	236	254	241	2,775	2,342
New Hampshire	290	247	101	88	59	47	1,263	1,076
Vermont	859	799	219	196	78	67	2,371	2,255
Massachusetts	376	331	151	143	97	77	1,036	888
Rhode Island	40	35	26	22	15	11	111	87
Connecticut	308	286	129	126	61	48	775	678
Middle Atlantic	12,211	11,768	2,851	2,539	2,459	1,885	14,335	13,705
New York	5,792	5,547	1,579	1,409	1,114	901	7,533	7,214
New Jersey	782	788	161	184	148	113	635	579
Pennsylvania	5,637	5,433	1,111	946	1,196	871	6,168	5,912
East North Central	59,570	59,732	10,862	10,336	4,667	3,774	36,998	34,756
Ohio	10,296	10,340	2,049	1,710	1,034	749	7,591	7,193
Indiana	11,001	11,333	2,051	1,967	777	528	5,830	5,404
Illinois	20,364	20,550	2,591	2,493	987	702	7,035	6,653
Michigan	7,797	7,659	1,983	1,912	1,263	1,217	6,227	5,679
Wisconsin	10,112	9,850	2,187	2,254	606	576	10,315	9,827
West North Central	133,302	133,618	14,480	13,035	20,151	18,999	116,396	119,209
Minnesota	19,709	19,493	1,560	1,536	1,192	1,164	10,422	10,092
Iowa	22,547	22,444	3,144	3,161	358	376	8,215	8,063
Missouri	12,264	12,366	5,104	4,385	1,389	954	16,366	16,490
North Dakota	20,353	21,241	935	755	6,340	5,704	13,567	14,177
South Dakota	17,528	17,760	816	722	1,478	1,147	24,964	25,321
Nebraska	19,407	18,874	1,400	1,117	2,970	2,876	23,691	24,619
Kansas	21,494	21,440	1,521	1,359	6,425	6,778	19,173	20,446
South Atlantic	25,022	23,165	6,308	5,732	6,530	4,556	64,311	64,806
Delaware	389	412	72	64	74	38	316	300
Maryland	1,531	1,572	448	363	306	188	1,771	1,773
District of Columbia	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
Virginia	3,314	3,158	1,564	1,116	911	557	9,784	9,855
West Virginia	1,218	1,073	787	513	340	233	5,860	5,533
North Carolina	5,782	5,504	733	702	1,183	848	11,619	11,206
South Carolina	3,960	3,398	494	688	932	707	6,493	6,282
Georgia	7,098	6,117	1,273	1,407	2,116	1,399	15,264	15,095
Florida	1,728	1,936	937	878	659	585	13,204	14,763
East South Central	22,494	19,744	11,323	11,142	5,396	3,858	40,362	42,458
Kentucky	5,054	4,541	5,265	4,880	1,282	1,034	7,840	7,579
Tennessee	5,575	4,861	2,856	3,095	1,480	1,061	8,613	8,638
Alabama	5,729	4,812	1,598	1,653	1,394	1,015	12,167	13,330
Mississippi	6,136	5,530	1,604	1,513	1,231	749	11,740	12,910
West South Central	49,083	43,680	13,236	14,101	6,979	7,627	142,171	145,420
Arkansas	5,930	5,536	2,472	2,419	1,252	856	9,217	9,134
Louisiana	3,149	3,011	1,804	1,959	705	498	5,545	5,974
Oklahoma	11,896	10,249	2,318	2,325	1,802	1,897	19,991	21,160
Texas	28,108	24,885	6,643	7,399	8,220	4,376	107,419	109,153
Mountain	24,500	22,735	4,212	3,929	10,964	13,727	210,537	220,551
Montana	7,576	8,414	1,271	738	5,081	5,356	45,310	46,961
Idaho	3,648	3,728	485	545	1,097	1,203	7,995	8,889
Wyoming	1,901	1,556	405	445	407	565	31,709	32,423
Colorado	6,893	5,220	970	1,008	8,165	4,835	26,925	27,322
New Mexico	1,898	1,135	446	463	495	852	44,683	46,990
Arizona	884	1,094	184	202	198	319	38,651	40,175
Utah	1,279	1,229	305	275	468	524	8,812	10,235
Nevada	421	360	145	252	53	63	6,444	7,556
Pacific	15,412	15,935	5,214	4,446	6,396	5,793	47,287	50,311
Washington	4,287	4,343	715	621	2,769	2,730	9,649	9,948
Oregon	3,219	3,265	969	807	1,349	1,177	14,790	15,797
California	7,957	8,326	3,531	3,018	2,278	1,885	22,848	24,565

See footnotes at end of table.

No. 784.—FARMLAND, BY USE, BY STATES: 1949 AND 1954—Continued  
[In thousands of acres]

DIVISION AND STATE	OTHER THAN CROPLAND							
	1949				1954			
	Wood- land pastured	Wood- land not pastured	Other pasture	Other land	Wood- land pastured	Wood- land not pastured	Other pasture	Other land
<b>United States</b>	<b>134,715</b>	<b>85,099</b>	<b>415,650</b>	<b>45,264</b>	<b>121,152</b>	<b>75,821</b>	<b>459,879</b>	<b>41,691</b>
The North	29,322	22,350	100,589	23,793	27,235	21,060	103,995	22,706
The South	69,389	57,891	106,349	13,214	61,491	51,395	129,050	10,749
The West	36,004	4,852	208,712	8,257	32,426	3,365	226,834	8,237
<b>New England</b>	<b>1,784</b>	<b>4,354</b>	<b>1,488</b>	<b>704</b>	<b>1,524</b>	<b>4,097</b>	<b>1,243</b>	<b>463</b>
Maine	383	1,849	273	270	280	1,712	203	146
New Hampshire	295	744	149	75	228	681	117	50
Vermont	733	788	752	98	703	805	669	79
Massachusetts	195	545	145	151	167	504	113	105
Rhode Island	14	65	13	19	11	52	12	12
Connecticut	164	362	157	92	135	343	128	72
<b>Middle Atlantic</b>	<b>2,338</b>	<b>4,878</b>	<b>5,062</b>	<b>2,057</b>	<b>2,095</b>	<b>4,795</b>	<b>5,015</b>	<b>1,801</b>
New York	1,362	2,111	3,126	934	1,212	2,109	3,072	822
New Jersey	44	276	125	190	39	283	94	163
Pennsylvania	933	2,401	1,811	933	844	2,403	1,848	816
<b>East North Central</b>	<b>11,875</b>	<b>7,246</b>	<b>10,329</b>	<b>7,548</b>	<b>10,527</b>	<b>7,424</b>	<b>9,689</b>	<b>7,116</b>
Ohio	1,606	1,441	3,062	1,482	1,451	2,909	1,375	
Indiana	1,660	1,218	1,467	1,485	1,568	1,212	1,314	1,310
Illinois	2,041	1,009	2,265	1,720	1,950	967	2,083	1,654
Michigan	2,145	1,576	1,101	1,405	1,742	1,675	987	1,325
Wisconsin	4,424	2,002	2,432	1,457	3,816	2,114	2,415	1,452
<b>West North Central</b>	<b>13,324</b>	<b>5,877</b>	<b>83,711</b>	<b>13,484</b>	<b>13,089</b>	<b>4,745</b>	<b>88,049</b>	<b>13,326</b>
Minnesota	3,349	1,743	2,618	2,712	2,983	1,537	2,599	2,972
Iowa	1,002	418	3,731	2,164	1,784	350	3,799	2,131
Missouri	5,805	2,604	6,036	1,831	6,582	2,003	6,325	1,581
North Dakota	484	246	10,735	2,102	347	205	11,433	2,192
South Dakota	438	143	22,913	1,470	328	112	23,554	1,326
Nebraska	603	217	21,415	1,456	430	102	22,542	1,451
Kansas	744	417	16,263	1,749	635	346	17,796	1,670
<b>South Atlantic</b>	<b>17,026</b>	<b>31,876</b>	<b>11,210</b>	<b>4,199</b>	<b>17,751</b>	<b>29,485</b>	<b>13,987</b>	<b>3,583</b>
Delaware	11	206	28	71	23	192	26	59
Maryland	163	1,006	351	251	194	939	417	223
District of Columbia	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)
Virginia	1,356	5,375	2,379	674	1,553	5,032	2,771	408
West Virginia	1,206	1,990	2,326	338	1,275	1,763	2,276	218
North Carolina	1,423	8,273	1,057	806	1,506	7,733	1,284	684
South Carolina	1,207	4,355	489	442	1,448	3,916	581	337
Georgia	4,371	8,909	1,185	799	4,601	8,086	1,850	558
Florida	7,288	1,762	3,396	758	7,151	1,825	4,781	1,007
<b>East South Central</b>	<b>11,706</b>	<b>17,314</b>	<b>7,340</b>	<b>4,002</b>	<b>13,911</b>	<b>16,085</b>	<b>9,312</b>	<b>3,150</b>
Kentucky	1,609	3,294	1,696	1,241	1,762	3,088	1,759	970
Tennessee	1,902	3,966	1,657	1,088	2,219	3,717	1,808	895
Alabama	3,712	6,030	1,706	719	4,597	5,736	2,454	543
Mississippi	4,483	4,024	2,280	953	5,334	3,544	3,291	742
<b>West South Central</b>	<b>40,657</b>	<b>8,702</b>	<b>87,799</b>	<b>5,013</b>	<b>29,828</b>	<b>5,826</b>	<b>105,751</b>	<b>4,016</b>
Arkansas	3,245	3,579	1,585	808	4,009	2,525	1,998	601
Louisiana	1,804	1,965	1,152	624	2,259	1,691	1,521	504
Oklahoma	5,019	880	12,745	1,347	4,689	458	15,021	991
Texas	30,590	2,278	72,317	2,234	18,872	1,151	87,211	1,919
<b>Mountain</b>	<b>23,663</b>	<b>2,011</b>	<b>179,696</b>	<b>5,168</b>	<b>20,549</b>	<b>1,040</b>	<b>193,629</b>	<b>5,333</b>
Montana	2,755	405	41,227	932	1,972	192	43,923	874
Idaho	1,243	309	5,626	817	1,165	262	6,712	749
Wyoming	1,275	73	29,845	516	622	29	31,383	388
Colorado	2,817	430	22,603	1,075	1,834	169	24,318	1,001
New Mexico	7,114	598	36,251	720	5,031	269	41,035	656
Arizona	6,936	74	31,113	528	8,897	54	30,188	1,037
Utah	1,454	102	6,815	441	980	49	8,733	473
Nevada	68	20	6,217	139	47	16	7,338	156
<b>Pacific</b>	<b>12,341</b>	<b>2,842</b>	<b>29,015</b>	<b>3,089</b>	<b>11,877</b>	<b>2,325</b>	<b>33,205</b>	<b>2,904</b>
Washington	2,433	859	5,807	550	2,888	822	5,726	512
Oregon	3,618	950	9,665	557	3,847	791	10,607	552
California	6,290	1,032	13,544	1,982	5,142	713	16,871	1,839

<sup>1</sup> 500 acres or less. <sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 785.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1954

[See also *Historical Statistics*, series E 19 and 31]

DIVISION AND STATE	NUMBER OF FARMS (1,000)				ALL LAND IN FARMS (1,000 acres)				AVERAGE ACREAGE PER FARM		
	1930	1940	1950	1954	1930	1940	1950	1954	1940	1950	1954
United States	6,289	6,097	5,382	4,782	986,771	1,060,852	1,158,566	1,158,192	174.0	215.3	242.2
The North	2,562	2,580	2,268	2,043	425,709	435,088	440,838	434,477	168.6	194.4	212.7
The South	3,224	3,007	2,652	2,317	843,086	870,168	893,215	886,289	123.1	148.2	166.7
The West	503	510	462	423	217,975	255,596	324,523	337,426	501.5	702.9	798.2
New England	125	135	103	82	14,283	13,371	12,547	11,121	98.9	121.5	135.8
Maine	39	39	30	23	4,640	4,223	4,182	3,614	108.3	137.7	154.7
New Hampshire	15	17	13	10	1,960	1,809	1,714	1,457	109.3	128.0	140.0
Vermont	25	24	19	16	3,896	3,667	3,527	3,318	155.5	185.2	207.6
Massachusetts	26	32	22	17	2,005	1,938	1,660	1,439	60.8	74.7	82.9
Rhode Island	3	3	3	2	279	222	191	155	73.6	73.5	77.2
Connecticut	17	21	16	13	1,502	1,512	1,272	1,138	71.5	81.5	89.2
Middle Atlantic	358	348	297	257	35,047	33,639	31,855	29,898	96.6	107.4	116.2
New York	160	153	125	106	17,980	17,170	16,017	15,071	112.1	128.2	142.6
New Jersey	25	26	25	23	1,758	1,874	1,725	1,665	72.6	69.5	73.4
Pennsylvania	172	169	147	129	15,309	14,594	14,113	13,162	86.3	96.1	102.1
East North Central	967	1,006	885	799	110,891	113,655	112,098	108,597	113.0	126.6	136.0
Ohio	219	234	199	177	21,514	21,908	20,889	19,992	98.7	105.2	112.9
Indiana	182	185	167	154	19,689	19,801	19,659	19,233	107.3	118.0	125.2
Illinois	214	213	195	176	30,695	31,033	30,978	30,399	145.4	158.6	178.2
Michigan	169	188	156	139	17,119	18,038	17,270	16,467	96.2	111.0	118.5
Wisconsin	182	187	169	154	21,874	22,876	23,221	22,507	122.5	137.8	146.6
West North Central	1,113	1,091	983	905	265,488	274,423	284,329	284,861	251.6	289.3	314.7
Minnesota	185	197	179	165	30,913	32,607	32,883	32,285	165.2	183.6	195.4
Iowa	215	213	203	193	34,019	34,149	34,265	34,045	160.1	168.7	176.5
Missouri	256	256	230	202	33,743	34,740	35,123	34,195	135.6	152.7	169.6
North Dakota	78	74	65	62	38,658	37,936	41,104	41,877	512.9	620.9	676.1
South Dakota	83	72	66	63	36,470	39,474	44,786	44,949	544.8	674.0	719.0
Nebraska	120	121	107	101	44,709	47,344	47,467	47,487	391.1	442.9	470.9
Kansas	166	156	131	120	46,976	48,174	46,611	50,024	308.2	370.0	416.3
South Atlantic	1,058	1,019	959	859	86,363	92,555	102,170	98,259	90.8	106.5	114.4
Delaware	10	9	7	6	901	896	851	814	99.6	114.3	129.3
Maryland	43	42	36	32	4,374	4,198	4,056	3,897	99.7	112.3	110.9
District of Columbia	(4)	(4)	(4)	(3)	—	—	1	(5)	36.0	45.2	(6)
Virginia	171	175	151	136	16,729	16,729	16,445	15,572	14,686	94.0	103.1
West Virginia	83	99	81	69	8,802	8,900	8,215	7,352	89.7	100.9	107.2
North Carolina	280	278	289	268	18,055	18,845	19,318	18,280	67.7	67.7	68.2
South Carolina	158	138	139	124	10,393	11,239	11,879	11,069	81.7	85.2	89.1
Georgia	256	216	198	166	22,079	23,684	25,751	24,019	109.6	129.9	145.1
Florida	59	62	57	58	5,027	8,338	16,528	18,162	133.9	290.4	315.6
East South Central	1,062	1,023	913	790	72,817	77,086	79,576	77,202	75.3	87.2	97.8
Kentucky	246	252	218	193	19,027	20,294	19,442	18,034	80.2	89.0	93.2
Tennessee	246	248	232	203	18,003	18,493	18,534	17,654	74.7	80.0	86.9
Alabama	257	232	212	177	17,555	19,143	20,889	20,810	82.6	98.8	117.6
Mississippi	313	291	251	216	17,332	19,156	20,711	20,702	65.8	82.4	95.9
West South Central	1,103	964	780	668	183,906	200,527	211,469	210,828	207.9	271.0	315.6
Arkansas	242	217	182	145	16,053	18,045	18,871	17,944	83.3	103.4	123.7
Louisiana	161	150	124	111	9,355	9,996	11,202	11,441	66.6	90.2	103.0
Oklahoma	204	180	142	119	33,791	34,803	36,007	35,630	193.7	253.1	299.5
Texas	495	418	332	293	124,707	137,683	145,389	145,813	329.4	438.5	497.7
Mountain	241	233	195	180	157,450	191,901	250,213	260,942	821.9	1,284.1	1,449.5
Montana	47	42	35	33	44,659	46,452	59,247	61,469	1,110.1	1,688.7	1,859.3
Idaho	42	44	40	39	9,347	10,298	13,224	14,364	235.8	328.3	370.8
Wyoming	16	15	13	11	23,525	28,026	34,421	34,989	1,866.2	2,728.8	3,068.7
Colorado	60	51	46	41	28,876	31,527	37,953	38,385	612.9	832.7	942.0
New Mexico	31	34	24	21	30,822	38,860	47,522	49,451	1,139.4	2,013.7	2,947.0
Arizona	14	18	10	9	10,527	25,651	30,916	41,700	1,388.9	3,833.7	4,483.4
Utah	27	25	24	23	5,613	7,302	10,865	12,262	287.4	449.4	537.2
Nevada	3	4	3	3	4,081	3,785	7,064	8,231	1,059.4	2,271.2	2,881.1
Pacific	262	276	267	243	60,525	63,694	74,310	76,484	220.6	278.5	315.1
Washington	71	82	70	65	13,534	15,182	17,369	17,641	185.9	248.8	270.7
Oregon	55	62	60	54	16,549	17,988	20,328	21,047	290.9	339.8	386.6
California	136	133	137	123	30,443	30,524	36,613	37,795	230.1	266.9	307.1

See footnotes at end of table.

No. 785.—FARMS—NUMBER, ACREAGE, AND VALUE, BY STATES: 1930 TO 1954—Con.

DIVISION AND STATE	VALUE OF FARMS (LAND AND BUILDINGS)									
	Total (\$1,000)					Average value per farm (dollars)			Average value per acre (dollars)	
	1930	1940	1950 <sup>1,2</sup>	1954 <sup>1,2</sup>	1940	1950 <sup>1,3</sup>	1954 <sup>1,3</sup>	1940	1950 <sup>1</sup>	1954 <sup>1</sup>
United States	47,879,838	33,641,739	75,260,606	97,582,918	5,518	13,983	20,405	31.71	64.96	84.25
The North	28,253,801	18,909,131	38,455,289	48,025,056	7,320	16,055	23,506	43.46	87.23	110.54
The South	12,343,393	9,716,128	22,955,349	29,549,362	3,231	8,654	12,755	26.25	58.38	76.50
The West	7,282,444	5,016,480	13,849,968	20,085,500	9,845	30,000	47,334	19.63	42.08	59.30
New England	940,713	740,508	1,222,057	1,252,984	5,478	11,839	15,303	55.38	97.40	112.67
Maine	194,280	124,088	226,518	219,464	3,183	7,462	9,392	29.38	54.17	60.72
New Hampshire	77,355	62,206	124,845	124,820	3,758	9,323	11,989	34.38	72.85	85.65
Vermont	145,935	111,109	196,405	202,356	4,712	10,314	12,602	30.30	58.68	60.99
Massachusetts	261,222	212,014	314,710	322,077	6,647	14,163	18,552	109.40	189.54	223.81
Rhode Island	34,508	26,334	44,328	53,056	8,737	17,062	26,475	118.67	232.02	343.02
Connecticut	227,413	204,761	315,251	331,211	9,675	20,189	25,971	135.41	247.77	291.07
Middle Atlantic	2,817,767	2,039,079	3,485,485	4,156,470	5,858	11,747	16,156	60.62	109.42	139.02
New York	1,315,905	947,074	1,467,452	1,674,909	6,180	11,742	15,844	55.16	91.02	111.14
New Jersey	208,845	227,806	505,278	672,307	8,818	20,343	29,655	121.54	202.84	403.73
Pennsylvania	1,203,018	864,200	1,512,755	1,809,254	5,113	10,299	14,039	50.22	107.10	137.46
East North Central	9,336,791	7,333,631	14,703,512	18,942,277	7,289	16,607	23,717	64.53	131.17	174.43
Ohio	1,693,031	1,443,017	2,858,969	3,707,415	6,170	14,341	20,937	65.91	136.34	185.45
Indiana	1,415,542	1,251,492	2,691,273	2,783,730	6,781	16,151	24,303	63.20	136.90	194.08
Illinois	3,388,049	2,537,117	5,394,905	7,036,269	11,887	27,628	40,083	81.76	174.15	231.47
Michigan	1,160,652	912,545	1,701,440	2,194,903	4,865	10,935	15,800	50.59	98.32	132.29
Wisconsin	1,731,571	1,188,550	2,056,925	2,270,960	6,363	12,203	14,789	51.90	88.58	100.90
West North Central	15,158,530	8,795,913	19,044,235	23,679,325	8,065	19,379	26,151	32.05	66.88	83.19
Minnesota	2,125,093	1,443,021	2,777,312	3,478,232	7,312	15,507	21,051	44.28	84.46	107.74
Iowa	4,224,506	2,690,744	5,506,670	6,769,927	12,614	27,105	35,090	78.79	170.01	198.86
Missouri	1,796,247	1,107,303	2,255,939	2,785,371	4,324	9,720	13,815	31.87	63.66	81.45
North Dakota	951,225	490,197	1,188,860	1,493,427	6,628	18,178	24,110	12.92	28.86	35.66
South Dakota	1,285,154	505,452	1,401,787	1,766,980	6,976	21,095	28,263	12.80	31.30	39.31
Nebraska	2,495,203	1,137,808	2,735,039	3,399,827	9,399	25,517	33,713	24.03	57.62	71.60
Kansas	2,281,102	1,421,387	3,188,628	3,979,561	9,092	24,344	33,117	29.51	65.89	79.55
South Atlantic	8,852,079	3,159,550	17,189,765	9,554,734	3,099	7,466	11,123	34.14	70.08	97.24
Delaware	66,942	54,899	97,141	127,746	6,104	13,043	20,287	61.30	114.11	156.88
Maryland	336,170	273,980	507,225	600,876	6,506	14,048	21,258	65.27	125.07	177.30
District of Columbia	7,144	5,943	4,668	(3)	91,429	166,643	(3)	2,538.62	3,688.54	(3)
Virginia	855,850	674,975	1,277,084	1,550,959	3,860	8,458	11,369	41.04	81.01	105.61
West Virginia	341,976	269,827	487,209	497,066	2,718	5,988	7,248	30.29	58.31	67.61
North Carolina	844,122	736,708	1,905,714	2,346,338	2,647	6,605	8,758	39.09	98.65	128.40
South Carolina	379,191	338,495	820,340	964,904	2,461	5,886	7,769	30.12	69.06	87.18
Georgia	577,338	480,345	1,114,506	1,441,753	2,223	5,623	8,710	20.28	43.28	60.03
Florida	423,346	324,378	945,871	1,035,002	5,211	16,617	33,627	38.90	57.23	106.54
East South Central	2,685,364	2,324,737	5,169,088	6,086,280	2,272	5,662	7,709	30.16	64.96	78.84
Kentucky	871,449	776,494	1,572,250	1,722,034	3,070	7,196	8,900	38.26	80.87	95.49
Tennessee	743,222	664,474	1,431,966	1,635,096	2,683	6,182	8,049	35.93	77.26	92.62
Alabama	502,371	408,782	1,017,075	1,206,218	1,764	4,809	6,816	21.35	48.69	57.96
Mississippi	568,322	474,986	1,147,791	1,522,932	1,632	4,566	7,053	24.80	55.42	73.56
West South Central	5,806,151	4,231,810	12,666,496	13,908,348	4,388	13,616	20,817	21.10	50.25	65.97
Arkansas	547,828	456,848	1,135,671	1,377,648	2,108	6,225	9,496	25.32	60.18	76.77
Louisiana	418,102	353,874	920,939	1,277,665	2,359	7,416	11,497	35.49	82.21	111.67
Oklahoma	1,242,724	831,141	1,851,460	2,256,352	4,625	13,016	18,964	23.38	51.61	63.33
Texas	3,597,407	2,589,979	6,718,426	8,966,683	6,196	20,263	30,711	18.81	46.21	61.70
Mountain	2,458,483	1,779,843	5,513,393	7,775,495	7,623	28,294	43,191	9.27	22.03	29.80
Montana	527,610	350,178	909,061	1,476,275	8,373	28,475	44,653	7.54	16.86	24.02
Idaho	417,250	339,194	923,292	1,296,470	7,768	22,920	33,466	9.94	19.82	26.26
Wyoming	206,852	158,971	454,862	535,157	10,585	36,060	46,935	5.67	13.21	15.20
Colorado	629,347	388,344	1,211,818	1,528,617	7,550	26,588	37,513	12.32	31.93	39.82
New Mexico	207,859	187,526	713,360	1,055,141	5,498	30,228	50,078	4.83	15.01	21.34
Arizona	184,231	153,677	603,851	1,074,904	8,321	37,996	115,330	5.99	15.13	25.72
Utah	221,223	154,358	471,242	585,533	6,074	19,492	25,652	21.14	43.37	47.75
Nevada	64,111	47,504	135,907	228,308	13,321	43,700	78,162	12.57	19.24	27.13
Pacific	4,823,961	3,236,636	8,336,575	12,233,005	11,720	31,245	50,406	50.82	112.19	159.94
Washington	773,663	593,366	1,470,208	2,021,583	7,264	21,057	31,018	39.08	84.64	114.50
Oregon	630,828	476,817	1,216,088	1,642,910	7,712	20,327	30,178	20.51	59.82	78.06
California	3,419,471	2,166,453	5,650,279	8,568,512	16,331	41,192	69,620	70.97	154.32	226.71

<sup>1</sup> Based on reports for a sample of farms.<sup>2</sup> Based on average value per acre for farms in sample for which value of land and buildings was reported.<sup>3</sup> Average for farms reporting value of land and buildings.<sup>4</sup> Less than 500.<sup>5</sup> Not available.

## FARM REAL ESTATE

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No. 786.—FARM REAL ESTATE—INDEXES OF ESTIMATED VALUE PER ACRE, BY STATES: 1912 TO 1957

[1947-49=100. As of March 1]

DIVISION AND STATE	1912	1915	1920	1925	1930	1933	1935	1940	1945	1950	1954	1955	1956	1957
United States	58	61	103	76	68	42	45	49	74	103	128	133	138	147
New England	62	62	88	80	80	66	65	67	81	99	108	106	109	117
Maine	72	69	102	89	89	68	68	69	85	95	109	104	107	114
New Hampshire	69	72	91	79	79	66	64	67	83	97	105	105	108	113
Vermont	58	60	86	72	71	58	58	58	74	101	107	104	107	112
Massachusetts	64	64	91	87	86	74	72	74	87	99	106	106	108	117
Rhode Island	54	56	71	70	73	65	64	66	79	101	109	108	112	122
Connecticut	51	52	72	72	73	65	64	65	78	100	109	111	115	126
Middle Atlantic	65	66	89	75	70	54	56	59	78	103	124	127	135	145
New York	68	69	92	77	71	56	58	59	75	105	118	119	124	133
New Jersey	52	53	69	66	66	58	59	62	79	103	129	132	143	156
Pennsylvania	64	65	91	74	69	51	53	58	80	102	130	134	143	154
East North Central	61	65	101	73	60	39	42	49	74	104	132	137	145	156
Ohio	59	64	95	66	54	35	40	46	72	101	132	141	151	161
Indiana	57	60	96	60	47	33	36	44	73	103	137	147	154	166
Illinois	65	68	106	77	61	36	41	50	74	108	139	142	149	161
Michigan	49	53	78	67	61	41	42	46	73	100	128	133	141	152
Wisconsin	68	72	119	90	81	56	57	58	76	101	113	113	117	127
West North Central	73	79	138	95	82	48	51	49	72	107	127	133	136	143
Minnesota	61	69	138	103	86	51	53	55	74	109	127	135	145	160
Iowa	66	77	146	93	77	40	46	50	73	108	125	133	136	142
Missouri	82	87	142	95	78	47	49	50	78	106	124	130	134	146
North Dakota	90	96	135	102	89	61	62	48	71	107	134	132	136	150
South Dakota	110	116	207	132	107	63	63	47	69	111	135	130	140	146
Nebraska	78	81	144	99	90	56	58	47	68	104	127	134	133	131
Kansas	64	65	95	72	71	44	46	45	70	106	125	129	133	136
South Atlantic	44	44	89	66	57	35	41	48	76	101	129	133	142	154
Delaware	62	62	86	70	69	50	51	55	76	98	124	130	135	148
Maryland	48	52	82	65	61	45	45	50	73	99	129	136	140	153
Virginia	42	42	81	67	58	38	42	48	74	101	129	131	143	152
West Virginia	66	69	105	81	71	50	53	58	72	95	102	110	117	125
North Carolina	30	32	69	58	49	27	35	43	70	106	133	138	146	154
South Carolina	48	45	110	66	50	27	37	43	78	97	120	121	126	136
Georgia	54	51	119	63	55	31	43	49	73	99	134	138	145	157
Florida	41	42	76	74	74	52	54	57	96	97	134	141	157	183
East South Central	38	39	78	55	50	31	36	44	70	103	121	121	126	136
Kentucky	36	37	75	52	48	30	33	42	70	102	116	115	115	127
Tennessee	37	39	78	53	48	31	35	42	69	103	116	118	121	129
Alabama	38	38	69	60	56	34	43	47	69	101	125	123	134	142
Mississippi	42	42	94	59	53	31	39	46	71	106	135	137	147	159
West South Central	51	54	95	77	73	44	49	53	75	103	132	136	138	151
Arkansas	42	40	94	68	60	34	37	40	71	105	124	126	132	144
Louisiana	47	45	94	67	62	42	49	57	77	105	132	138	146	161
Oklahoma	52	50	89	70	68	41	46	50	69	108	128	136	138	148
Texas	53	57	97	81	76	46	51	55	77	102	133	137	139	151
Mountain	58	58	88	59	61	35	36	41	70	104	134	136	138	139
Montana	76	79	99	59	64	37	39	43	68	104	142	146	152	162
Idaho	46	45	80	57	60	34	37	43	76	107	136	142	146	152
Wyoming	53	56	97	54	61	23	33	40	67	100	123	123	123	121
Colorado	64	60	91	60	57	32	32	37	64	104	128	128	124	121
New Mexico	46	46	66	50	52	32	34	36	70	107	135	136	137	133
Arizona	43	44	74	55	63	34	37	40	75	99	135	137	144	145
Utah	60	58	100	78	75	47	47	49	73	107	133	134	139	136
Nevada	72	76	101	77	74	46	45	49	81	99	137	139	142	145
Pacific	51	58	84	67	66	38	40	42	79	96	124	130	137	146
Washington	47	48	67	54	54	32	38	45	75	101	132	137	140	147
Oregon	55	56	73	62	63	35	35	41	74	99	123	128	130	137
California	40	47	71	70	70	40	41	42	80	94	122	128	137	147

Source: Department of Agriculture, Agricultural Research Service; periodic report, *Current Developments in the Farm Real Estate Market*.

## No. 787.—FARMS—NUMBER AND ACREAGE, BY SIZE OF FARM: 1920 TO 1954

[1950 data, except number of farms, based on reports for a sample of farms. May not agree with other 1950 sample data, since size data were not adjusted to agree with total count of farms. Minus sign denotes decrease]

SIZE OF FARM	1920	1930	1935	1940	1945	1950	PERCENT DISTRIBUTION				
							1920	1930	1935	1940	1945
<b>NUMBER OF FARMS</b>											
Total	6,448,343	6,288,648	6,812,350	6,096,799	5,859,169	5,382,162	100.0	100.0	100.0	100.0	100.0
Under 10 acres	288,772	358,504	570,831	506,402	594,561	484,914	4.5	5.7	8.4	8.3	10.1
Under 3 acres	20,350	43,007	35,573	35,975	98,966	76,606	0.3	0.7	0.5	0.6	1.7
3 to 9 acres	268,422	315,497	535,258	470,425	495,595	408,308	4.2	5.0	7.9	7.7	8.5
10 to 29 acres	(1)	(1)	1,241,431	1,012,971	945,608	833,608	(1)	(1)	18.2	16.6	16.1
10 to 19 acres	507,763	559,617	633,452	559,254	(1)	(1)	7.9	8.9	10.0	9.2	(1)
20 to 29 acres	(1)	(1)	557,979	453,717	(1)	(1)	(1)	(1)	8.2	7.4	(1)
30 to 49 acres	(1)	(1)	832,164	767,289	708,796	624,242	(1)	(1)	12.9	12.6	12.1
50 to 99 acres	1,474,745	1,374,965	1,444,007	1,291,048	1,157,320	1,047,801	22.9	21.9	21.2	19.8	19.5
100 to 179 acres	(1)	(1)	1,438,017	1,309,741	1,199,809	1,02,562	(1)	(1)	21.1	21.5	20.5
180 to 259 acres	(1)	(1)	506,547	486,336	493,215	487,325	(1)	(1)	7.4	8.0	8.4
260 to 499 acres	475,077	451,338	473,230	458,787	473,184	478,084	7.4	7.2	6.9	7.5	8.1
500 to 999 acres	149,819	159,696	167,452	163,694	173,777	182,264	2.3	2.5	2.5	2.7	3.0
1,000 acres and over	67,405	80,620	88,662	100,531	112,899	121,362	1.0	1.3	1.3	1.6	1.9
20 to 49 acres	1,503,732	1,440,388	1,440,143	1,221,006	(1)	(1)	23.3	22.9	21.1	20.0	(1)
100 to 174 acres	1,449,630	1,342,927	1,404,297	1,278,617	(1)	(1)	22.5	21.4	20.6	21.0	(1)
175 to 259 acres	530,800	520,593	540,267	517,400	(1)	(1)	8.2	8.3	7.9	8.5	(1)
<b>LAND IN FARMS (1,000 acres)</b>											
Total	955,884	986,771	1,054,515	1,060,852	1,141,615	1,159,789	100.0	100.0	100.0	100.0	100.0
Under 10 acres	1,600	1,908	3,057	2,668	2,805	2,430	0.2	0.2	0.3	0.2	0.2
Under 3 acres	34	61	51	51	141	(1)	(2)	(2)	(2)	(2)	(1)
3 to 9 acres	1,567	1,847	3,006	2,617	2,664	(1)	0.2	0.2	0.3	0.2	0.2
10 to 29 acres	(1)	(1)	22,272	18,111	16,864	15,391	(1)	(1)	2.1	1.7	1.5
10 to 19 acres	7,087	7,789	9,369	7,607	(1)	(1)	0.7	0.8	0.9	0.7	(1)
20 to 29 acres	(1)	(1)	12,903	10,504	(1)	(1)	(1)	(1)	1.2	1.0	(1)
30 to 49 acres	(1)	(1)	33,691	29,388	27,074	23,945	(1)	(1)	3.2	2.8	2.4
50 to 99 acres	105,631	98,685	104,016	93,317	83,206	75,628	11.1	10.0	9.9	8.8	7.3
100 to 179 acres	(1)	(1)	194,805	177,509	182,375	149,942	(1)	(1)	18.5	16.7	14.2
180 to 259 acres	(1)	(1)	108,462	104,289	105,802	105,388	(1)	(1)	10.3	9.8	9.3
260 to 499 acres	164,244	156,522	164,268	159,569	164,648	166,584	17.2	15.9	15.6	15.0	14.4
500 to 999 acres	100,976	108,924	114,244	111,935	118,836	125,981	10.6	11.0	10.8	10.6	10.4
1,000 acres and over	220,636	276,213	309,701	364,069	460,006	494,501	23.1	28.0	29.4	34.3	40.3
20 to 49 acres	48,466	46,252	46,594	39,892	(1)	(1)	5.1	4.7	4.4	3.8	(1)
100 to 174 acres	194,681	180,214	188,859	172,020	(1)	(1)	20.4	18.3	17.9	16.2	(1)
175 to 159 acres	112,563	110,265	114,408	109,777	(1)	(1)	11.8	11.2	10.8	10.3	(1)

SIZE OF FARM	1954						Percent distribution		
	Number of farms	Land in farms		Percent change, 1950 to 1954		Crop-land harvested (1,000 acres)	Percent distribution		
		Total (1,000 acres)	Average per farm (acres)	Number of farms	Land in farms		Number of farms	All land in farms	Crop-land harvested
Total	4,782,416	1,153,192	242,2	-11.1	-0.1	332,870	100.0	100.0	100.0
Under 10 acres	484,201	2,260	4.7	-0.1	-7.0	937	10.1	0.2	0.3
10 to 29 acres	713,335	12,704	17.8	-16.4	-17.5	6,431	14.9	1.1	1.9
30 to 49 acres	499,496	19,165	38.4	-20.0	-20.0	7,843	10.4	1.7	2.4
50 to 99 acres	864,063	62,725	72.6	-17.5	-17.1	24,421	18.0	5.4	7.3
50 to 69 acres	346,323	20,116	58.1	-18.9	-18.7	7,542	7.2	1.7	2.3
70 to 99 acres	517,740	42,608	82.3	-16.6	-16.3	16,879	10.8	3.7	5.1
100 to 179 acres	953,109	130,120	136.5	-13.6	-13.2	58,007	20.0	11.2	17.4
100 to 189 acres	491,458	57,177	116.3	-15.1	-15.4	23,353	10.3	4.9	7.0
140 to 179 acres	461,651	72,943	158.0	-11.8	-11.5	34,655	9.7	6.3	10.4
180 to 259 acres	463,698	99,863	215.4	-4.8	-5.2	47,091	9.7	8.6	14.1
180 to 219 acres	257,189	50,784	197.5	-6.5	-6.9	23,007	5.4	4.4	6.9
220 to 259 acres	206,509	49,079	237.7	-2.7	-3.5	24,084	4.3	4.2	7.2
260 to 499 acres	482,246	168,368	349.1	0.9	1.1	77,975	10.1	14.5	23.4
500 to 999 acres	191,697	131,505	686.0	5.2	4.4	51,445	4.0	11.4	15.5
1,000 acres and over	130,431	531,482	4,073.3	7.5	7.5	58,719	2.7	45.9	17.6

<sup>1</sup> Not available. <sup>2</sup> 0.05 percent or less.

## F FARMS, BY SIZE

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No. 788.—FARMS—NUMBER, BY SIZE, BY STATES: 1954

DIVISION AND STATE	Total number of farms	Under 3 acres	3 to 9 acres	10 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
<b>United States</b>	<b>4,782,416</b>	<b>99,896</b>	<b>384,395</b>	<b>713,335</b>	<b>499,496</b>	<b>864,063</b>	<b>953,109</b>	<b>463,698</b>	<b>482,246</b>	<b>191,697</b>	<b>130,481</b>
The North	2,043,092	38,003	95,918	152,117	137,015	343,718	542,821	298,537	298,360	96,239	40,364
The South	2,316,607	41,920	228,868	488,307	323,047	408,721	363,786	144,462	150,499	66,291	40,706
The West	422,717	19,973	59,609	72,911	39,434	51,624	46,502	20,699	33,387	29,167	49,411
<b>New England</b>	<b>81,878</b>	<b>3,149</b>	<b>7,648</b>	<b>11,130</b>	<b>7,320</b>	<b>15,051</b>	<b>17,061</b>	<b>8,830</b>	<b>8,659</b>	<b>2,498</b>	<b>532</b>
Maine	23,368	458	1,071	1,995	1,835	5,375	6,178	2,958	2,548	754	196
New Hampshire	10,411	421	854	1,325	972	2,036	2,162	1,099	1,099	370	73
Vermont	15,981	461	834	1,088	664	1,786	3,803	2,797	3,408	981	159
Massachusetts	17,361	1,168	2,755	3,696	2,081	3,020	2,478	1,010	891	208	54
Rhode Island	2,004	149	313	410	235	408	283	105	67	27	7
Connecticut	12,753	492	1,821	2,616	1,533	2,426	2,157	861	646	158	43
<b>Middle Atlantic</b>	<b>257,276</b>	<b>7,812</b>	<b>20,992</b>	<b>32,875</b>	<b>22,319</b>	<b>57,070</b>	<b>65,350</b>	<b>27,309</b>	<b>19,505</b>	<b>3,478</b>	<b>566</b>
New York	105,714	2,531	6,141	10,363	7,711	20,541	28,577	15,139	12,235	2,175	301
New Jersey	22,686	1,281	4,654	5,514	2,117	3,393	3,484	1,244	764	175	60
Pennsylvania	128,876	4,000	10,197	16,998	12,491	33,136	33,289	10,926	6,506	1,128	205
<b>East North Central</b>	<b>798,690</b>	<b>14,498</b>	<b>40,772</b>	<b>68,880</b>	<b>68,888</b>	<b>171,319</b>	<b>228,110</b>	<b>113,038</b>	<b>80,257</b>	<b>11,554</b>	<b>1,374</b>
Ohio	177,074	3,615	12,725	20,278	16,949	43,738	47,125	18,860	11,833	1,737	214
Indiana	153,593	3,820	10,395	17,553	15,306	32,605	37,616	19,454	14,488	2,112	244
Illinois	175,543	3,341	7,884	11,869	10,014	24,028	49,266	34,707	29,504	4,504	426
Michigan	138,022	1,791	6,173	13,384	17,729	36,236	36,529	15,393	10,031	1,423	233
Wisconsin	153,558	1,931	3,595	5,706	8,890	34,712	57,574	24,624	14,401	1,778	257
<b>West North Central</b>	<b>905,248</b>	<b>165,544</b>	<b>26,506</b>	<b>39,232</b>	<b>38,488</b>	<b>100,278</b>	<b>232,300</b>	<b>149,360</b>	<b>189,939</b>	<b>78,709</b>	<b>37,892</b>
Minnesota	165,225	2,127	3,549	5,277	6,789	21,488	55,675	33,669	30,842	5,034	225
Iowa	192,933	2,803	6,335	7,967	6,435	22,582	70,487	42,869	29,960	3,284	271
Missouri	201,614	2,119	9,072	16,742	18,365	37,444	50,582	29,432	29,174	7,210	1,474
North Dakota	61,943	434	323	490	366	776	4,462	2,831	20,337	21,999	9,925
South Dakota	62,520	706	715	931	844	2,007	8,801	7,270	20,515	11,557	9,174
Nebraska	100,846	1,804	2,521	2,837	1,867	5,746	22,412	18,321	27,042	10,085	7,611
Kansas	120,167	2,551	3,991	4,988	3,822	10,235	19,881	15,028	32,069	18,890	8,712
<b>South Atlantic</b>	<b>858,971</b>	<b>17,388</b>	<b>92,092</b>	<b>201,861</b>	<b>132,234</b>	<b>182,216</b>	<b>123,102</b>	<b>46,289</b>	<b>39,783</b>	<b>15,793</b>	<b>8,213</b>
Delaware	6,297	178	513	850	709	1,344	1,334	648	534	148	39
Maryland	32,500	1,079	3,597	5,041	3,138	5,978	6,085	3,234	2,616	659	173
Virginia	136,416	3,482	16,843	27,452	16,861	28,188	22,474	9,098	8,185	2,884	999
West Virginia	68,583	1,159	6,915	11,211	8,825	16,811	13,236	4,913	3,811	1,308	394
North Carolina	267,906	5,391	29,088	76,672	49,329	59,390	29,994	8,984	6,458	1,905	695
South Carolina	124,203	1,459	14,333	39,430	21,053	22,746	13,223	4,526	4,342	2,011	1,080
Georgia	165,523	2,500	12,490	27,472	24,486	39,142	29,080	11,899	10,655	5,038	2,761
Florida	57,543	2,140	8,313	13,733	7,833	8,667	6,776	2,987	3,182	1,840	2,072
<b>East South Central</b>	<b>789,507</b>	<b>12,945</b>	<b>83,466</b>	<b>182,506</b>	<b>117,704</b>	<b>176,337</b>	<b>123,390</b>	<b>42,587</b>	<b>33,518</b>	<b>11,433</b>	<b>5,616</b>
Kentucky	193,487	4,989	20,250	31,633	24,166	48,874	38,889	18,330	8,888	2,010	468
Tennessee	203,149	4,932	21,109	44,678	28,576	47,743	33,418	11,411	8,488	2,173	621
Alabama	176,956	1,532	16,660	38,257	33,191	40,029	24,486	8,845	7,908	3,593	2,365
Mississippi	215,915	1,492	25,447	67,938	31,771	39,691	26,597	9,001	8,144	3,662	2,172
<b>West South Central</b>	<b>668,129</b>	<b>11,587</b>	<b>53,310</b>	<b>103,940</b>	<b>73,199</b>	<b>110,168</b>	<b>117,294</b>	<b>55,586</b>	<b>77,198</b>	<b>39,060</b>	<b>26,877</b>
Arkansas	145,076	2,081	12,919	29,720	21,368	29,559	24,575	10,146	9,289	3,774	1,645
Louisiana	111,127	1,656	14,875	34,063	21,352	18,091	10,052	3,653	3,803	2,050	1,532
Oklahoma	118,979	2,049	5,216	8,265	8,724	16,279	26,828	12,800	23,354	10,584	4,880
Texas	292,947	5,801	20,300	31,892	21,665	46,239	55,839	28,987	40,752	22,652	18,820
<b>Mountain</b>	<b>180,026</b>	<b>6,675</b>	<b>14,873</b>	<b>15,829</b>	<b>11,303</b>	<b>20,892</b>	<b>23,984</b>	<b>10,699</b>	<b>20,172</b>	<b>19,353</b>	<b>36,246</b>
Montana	33,061	541	914	1,073	520	1,692	3,108	1,721	4,231	5,553	13,408
Idaho	38,740	1,395	2,928	3,396	3,720	7,976	7,111	2,856	4,071	2,750	2,582
Wyoming	11,402	267	349	311	284	713	1,643	827	1,551	1,403	4,054
Colorado	40,749	1,272	2,843	3,232	1,790	3,692	5,857	2,538	5,703	5,614	8,208
New Mexico	21,070	617	3,358	2,923	1,336	1,757	1,921	850	1,941	2,014	4,343
Arizona	9,321	520	1,310	1,365	752	982	1,015	434	808	675	1,460
Utah	22,826	1,915	2,940	3,251	2,304	3,682	2,990	1,207	1,611	1,099	1,647
Nevada	2,857	148	281	278	207	398	339	176	256	236	588
<b>Pacific</b>	<b>242,691</b>	<b>13,298</b>	<b>44,736</b>	<b>57,082</b>	<b>28,131</b>	<b>30,732</b>	<b>22,518</b>	<b>10,000</b>	<b>13,215</b>	<b>9,814</b>	<b>13,165</b>
Washington	65,175	2,076	11,688	15,834	8,056	8,610	6,277	2,563	3,501	3,010	3,560
Oregon	54,441	1,643	8,489	10,866	6,115	8,417	6,714	2,993	3,566	2,281	3,357
California	123,075	9,579	24,559	30,382	13,960	13,705	9,527	4,444	6,148	4,523	6,248

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 789.—FARMS—NUMBER AND PERCENT DISTRIBUTION, BY TYPE: 1950 AND 1954

[Based on reports for a sample of farms. Type of farm determined on basis of relationship of value of sales from a particular source to total value of products sold for each farm. In general, value of sales from a particular source was 50% or more of total sales when a farm was classified as that type. Part-time farms include those with a value of products sold of \$250-\$1,199 and with operator either reporting 100 days or more of off-farm work or other income exceeding value of farm products sold. Residential farms include those with a value of farm products sold of less than \$250. Abnormal farms include public and private institutional farms, experiment stations, community projects, etc.]

TYPE OF FARM	1950		1954		TYPE OF FARM	1950		1954	
	Number of farms (1,000)	Percent distribution	Number of farms (1,000)	Percent distribution		Number of farms (1,000)	Percent distribution	Number of farms (1,000)	Percent distribution
All farms.....	5,379	100.0	4,783	100.0	Commercial farms—Continued				
Commercial farms.....	3,706	65.9	3,328	69.6	General farms:				
Cash-grain farms.....	430	8.0	538	11.2	Primarily crop.....	85	1.6	80	1.7
Cotton farms.....	609	11.3	525	11.0	Primarily live-stock.....	135	2.5	68	1.3
Other field-crop farms.....	409	7.6	368	7.7	Crop and live-stock.....	275	5.1	204	4.3
Vegetable farms.....	46	0.9	33	0.7	Miscellaneous types.....	50	0.9	37	0.8
Fruit-and-nut farms.....	82	1.5	82	1.7	Other farms.....	1,673	31.1	1,455	30.4
Dairy farms.....	602	11.2	549	11.5	Part-time farms.....	639	11.9	574	12.0
Poultry farms.....	176	3.3	154	3.2	Residential farms.....	1,020	19.1	878	18.4
Livestock farms other than dairy and poultry.....	806	15.0	695	14.5	Abnormal farms.....	4	0.1	3	0.1

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 790.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME: 1940, 1950, AND 1954

[Value of farm products for Censuses of 1940 and 1950 refers to preceding calendar year]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD					
	1940	1950	1954	Total (\$1,000)			Average per farm reporting (dollars)		
				1940	1950	1954	1940	1950	1954
				(2)	22,051,129	24,644,477	(2)	4,097	5,153
All farms.....	16,096,799	5,382,162	4,782,416	(2)					
Farms with no farm products sold.....	440,189	360,987	(2)						
All farm products sold.....	5,617,068	5,021,175	(2)	6,681,581	22,051,129	24,644,477	1,190	4,392	(2)
All crops sold.....	4,225,175	(2)		3,094,947	9,302,848	12,221,625	733	(2)	(2)
Field crops, other than vegetables and fruits and nuts sold.....	3,825,478	(2)	(2)	2,470,727	8,012,065	9,924,860	646	(2)	(2)
Vegetables sold.....	458,011	346,528	279,606	199,526	607,018	645,095	436	1,752	2,807
Fruits and nuts sold.....	668,783	381,124	(2)	205,351	791,665	1,198,016	442	2,077	(2)
Horticultural specialties sold.....	28,774	(2)	(2)	129,343	392,098	453,654	4,495	(2)	(2)
All livestock and livestock products sold.....	4,456,508	(2)	(2)	3,547,482	12,113,722	12,202,424	796	(2)	(2)
Dairy products sold.....	2,647,851	2,006,831	(2)	1,118,193	3,079,132	3,334,060	422	1,534	(2)
Poultry and poultry products sold.....	3,507,802	2,730,178	(2)	555,412	1,823,332	1,918,936	158	668	(2)
Livestock and livestock products, other than dairy and poultry, sold.....	(2)	(2)	(2)	1,873,878	7,211,258	7,039,422	(2)	(2)	(2)
Forest products sold.....	276,611	(2)	(2)	39,152	134,562	130,428	142	(2)	(2)

<sup>1</sup> Includes 39,542 unclassified farms for 1940 for which value of farm products sold are not available.

<sup>2</sup> Not available.

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

## No. 791.—FARMS—NUMBER, BY TYPE OF FARM, BY STATES: 1954

[See headnote, table 789]

DIVISION AND STATE	All farms	COMMERCIAL FARMS									Other farms		
		Total <sup>1</sup>	Cash grain	Cotton	Other field crop	Veg-etable	Fruit and nut	Dairy	Poul-try	Live-stock other than dairy and poultry			
United States	4,783,021	3,327,617	537,888	525,208	367,771	32,561	82,061	548,763	154,257	694,636	347,466	1,455,404	
The North	2,043,275	1,627,883	422,014	11,516	17,741	13,346	16,333	413,508	73,705	440,313	204,242	415,392	
The South	2,317,296	1,405,335	70,821	502,089	338,597	12,008	20,217	59,281	59,274	186,052	110,732	911,961	
The West	422,450	294,399	45,003	11,603	11,433	7,207	45,514	44,074	21,278	68,271	32,492	128,051	
New England	81,816	50,371	71	4,842	1,297	1,992	24,671	10,413	1,936	2,107	31,445		
Maine	23,371	13,215	40	3,274	242	652	4,578	2,303	493	709	10,156		
New Hampshire	10,423	5,435	6	66	85	110	2,512	1,707	264	327	4,988		
Vermont	15,999	11,896	5	62	30	88	9,930	596	380	422	4,103		
Massachusetts	17,316	10,961	5	690	630	816	3,926	3,130	458	388	6,355		
Rhode Island	1,953	1,103	5	40	55	15	489	291	73	25	850		
Connecticut	12,754	7,761	10	710	255	311	3,236	2,336	268	241	4,993		
Middle Atlantic	257,199	176,754	11,662	2,929	5,353	6,378	91,120	25,493	12,592	16,101	80,445		
New York	105,671	77,315	3,804	1,082	2,344	3,781	49,182	6,963	3,406	4,710	28,356		
New Jersey	22,695	17,086	952	515	2,199	908	3,643	6,679	564	623	5,600		
Pennsylvania	128,833	82,353	6,906	1,332	810	1,689	38,295	11,851	8,622	10,708	46,480		
E. N. Central	799,065	619,665	169,662	85	7,014	5,546	7,409	196,140	22,146	129,767	76,690	179,400	
Ohio	177,098	123,457	35,626	2,747	1,001	1,400	25,811	5,877	28,714	20,756	53,641		
Indiana	153,697	115,182	39,395	1,673	630	340	12,115	5,937	36,496	18,080	38,515		
Illinois	175,705	147,801	69,290	85	115	907	558	13,302	3,232	43,830	15,604	27,904	
Michigan	138,943	98,161	21,441	1,525	2,090	4,390	37,562	4,653	10,400	14,694	40,782		
Wisconsin	153,622	135,064	3,904	954	918	721	107,350	2,447	10,327	7,576	18,558		
W. N. Central	905,195	781,093	240,619	11,431	2,956	1,150	554	101,577	15,652	206,019	103,344	124,102	
Minnesota	165,324	146,527	33,956	1,142	489	140	49,812	4,036	28,040	27,739	15,797		
Iowa	193,009	178,238	40,097	43	170	15	8,540	3,198	104,799	21,122	14,771		
Missouri	201,680	140,307	20,465	11,431	320	219	205	27,506	4,445	59,821	15,310	61,373	
North Dakota	61,808	59,546	38,992	830	15	3,185	3,185	206	7,740	8,403	2,262		
South Dakota	62,350	59,796	18,322	87	25	1,518	721	28,081	10,972	2,554			
Nebraska	100,733	94,153	34,613	406	80	25	2,839	895	42,127	12,986	6,580		
Kansas	120,291	102,526	54,174	68	152	76	8,177	1,462	25,410	12,812	17,765		
South Atlantic	858,675	508,837	16,358	89,759	218,163	7,222	15,313	31,613	34,040	47,957	40,087	349,838	
Delaware	6,291	5,005	1,147	55	218	26	921	1,915	224	390	1,286		
Maryland	32,483	22,042	2,747	4,636	751	239	6,182	2,706	2,324	2,034	10,441		
Virginia	136,370	71,401	3,376	195	32,352	702	1,221	7,735	5,220	12,560	6,793	64,969	
West Virginia	68,570	21,504	749	1,481	72	606	4,723	3,145	8,301	1,941	47,066		
North Carolina	207,818	181,700	4,863	15,360	128,470	970	793	6,190	6,718	6,898	9,720	86,118	
South Carolina	124,188	73,130	1,462	33,739	24,476	542	852	1,814	1,607	3,589	4,256	51,058	
Georgia	165,465	101,867	1,729	39,177	21,071	880	3,882	3,099	10,742	9,880	12,755	63,598	
Florida	57,490	32,188	285	1,288	5,572	3,087	11,194	949	1,897	4,181	2,198	25,302	
E. S. Central	789,667	490,881	10,543	230,835	111,764	1,458	1,497	32,423	8,336	51,331	38,327	298,786	
Kentucky	193,446	122,784	4,932	422	77,518	115	207	8,139	1,134	16,090	13,602	70,662	
Tennessee	203,385	124,468	2,805	39,638	32,027	460	568	15,057	1,666	17,245	13,872	78,917	
Alabama	176,949	95,107	1,303	67,295	1,777	506	502	2,585	3,396	9,335	6,737	81,842	
Mississippi	215,887	148,522	1,503	123,480	442	377	220	6,642	2,140	8,661	4,116	67,365	
W. S. Central	668,954	405,617	43,920	181,495	8,670	3,228	3,407	26,245	16,888	86,764	32,318	263,337	
Arkansas	145,292	88,750	4,707	55,247	277	416	903	4,267	5,267	10,643	3,189	56,542	
Louisiana	111,240	60,467	4,476	38,044	3,652	543	1,601	3,236	1,137	5,732	1,618	50,773	
Oklahoma	119,270	74,009	20,328	9,780	1,314	243	214	7,136	1,554	22,341	10,889	45,261	
Texas	293,152	182,391	14,414	78,424	3,427	12,266	839	8,378	8,940	48,048	16,622	110,761	
Mountain	179,871	136,439	29,271	5,007	8,029	1,507	3,139	17,691	3,802	47,534	19,350	43,432	
Montana	32,956	28,677	12,320	751	45	1,007	1,681	339	10,668	2,519	4,279		
Idaho	38,810	31,282	7,776	4,007	154	382	6,620	510	4,883	6,578	7,528		
Wyoming	11,355	9,633	1,183	428	2	771	109	5,890	1,184	1,722			
Colorado	40,672	31,597	5,775	1,955	620	1,060	3,477	796	12,806	4,822	9,075		
New Mexico	20,977	12,008	750	2,733	300	123	501	784	236	5,665	866	8,909	
Arizona	9,285	6,216	221	2,269	5	181	265	554	403	1,866	360	3,069	
Utah	23,008	15,115	1,224	562	356	751	3,544	1,342	4,544	2,725	7,893		
Nevada	2,808	1,911	22	5	21	26	10	250	67	1,212	296		
Pacific	242,579	157,960	15,732	6,596	3,404	5,700	42,375	27,283	17,476	20,737	13,142	84,619	
Washington	65,135	36,410	7,111	1,183	1,156	6,113	9,145	3,325	4,289	2,758	28,725		
Oregon	54,442	32,124	4,102	1,002	1,048	4,731	6,866	2,577	6,085	5,052	22,318		
California	123,002	89,426	4,519	6,596	1,219	3,496	31,531	12,452	11,574	10,363	5,332	33,576	

<sup>1</sup> Includes miscellaneous commercial farms not shown separately.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 792.—FARMS—NUMBER, BY ECONOMIC CLASS, BY STATES: 1954

[Based on reports for a sample of farms. For total commercial farms and other farms, see table 791]

DIVISION AND STATE	All farms	COMMERCIAL FARMS BY VALUE OF FARM PRODUCTS SOLD						OTHER FARMS <sup>1</sup>		
		\$250 to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$24,999	\$25,000 and over	Part- time	Resi- dential	Abnor- mal
		4,783,021	462,427	763,348	811,965	706,929	448,945	134,003	574,575	878,136
U. S. ....	4,783,021	462,427	763,348	811,965	706,929	448,945	134,003	574,575	878,136	2,693
North ....	2,048,275	120,915	271,606	411,320	466,775	298,643	58,624	186,906	227,187	1,299
South ....	2,317,296	323,442	443,990	341,893	173,159	87,738	35,113	336,590	574,599	772
West ....	422,450	18,070	47,752	58,752	66,995	62,504	40,266	51,079	76,350	622
N. E. ....	81,816	3,897	8,081	10,983	12,911	10,627	3,872	10,181	21,090	174
Maine....	23,371	1,348	2,238	2,959	3,138	2,572	960	3,109	7,011	36
N. H. ....	10,423	628	1,002	1,340	1,238	958	274	1,501	3,466	21
Vt. ....	15,999	592	1,921	2,951	4,042	2,011	379	1,517	2,567	19
Mass. ....	17,316	876	1,775	2,167	2,498	2,545	1,100	2,396	3,894	65
R. I. ....	1,953	92	192	220	246	261	92	255	595	-
Conn. ....	12,754	361	953	1,346	1,749	2,285	1,067	1,403	3,557	33
M. A. ....	257,199	13,864	30,070	42,043	48,194	34,235	8,348	33,139	47,030	276
N. Y. ....	105,671	4,938	11,789	19,026	22,988	14,970	3,604	11,888	16,831	137
N. J. ....	22,695	1,045	1,860	2,556	3,819	5,825	1,981	2,181	3,450	28
Pa. ....	128,833	7,881	16,421	20,461	21,387	13,440	2,763	19,620	26,749	111
E. N. C. ....	799,065	47,653	113,585	158,182	169,456	110,613	20,176	86,262	92,685	453
Ohio ....	177,098	11,465	24,955	31,773	32,497	19,744	3,018	24,545	28,972	124
Ind. ....	153,697	9,687	21,549	26,810	29,374	23,219	4,543	18,371	20,020	124
Ill. ....	175,705	9,570	18,058	26,940	41,557	42,087	9,580	12,570	15,296	38
Mich. ....	138,943	9,730	26,029	27,473	22,556	10,831	1,542	21,304	19,401	77
Wis. ....	153,622	7,201	22,994	45,172	43,472	14,732	1,493	9,472	8,996	90
W. N. C. ....	905,195	55,501	119,870	200,112	236,214	143,168	26,228	57,324	66,382	396
Minn. ....	165,324	9,350	23,103	40,588	46,075	23,503	3,008	10,033	8,687	77
Iowa ....	193,009	6,640	15,430	33,818	59,884	52,164	10,302	7,315	7,340	116
Mo. ....	201,680	23,048	36,500	37,062	28,307	12,719	2,581	25,800	35,515	58
N. Dak. ....	61,808	2,859	9,450	20,363	18,301	7,502	1,071	1,223	1,022	17
S. Dak. ....	62,350	2,740	7,602	17,504	20,871	9,555	1,494	1,266	1,241	47
Nebr. ....	100,733	3,918	10,716	24,452	32,050	18,846	4,171	3,107	3,433	40
Kans. ....	120,291	6,946	16,970	26,325	29,826	18,849	3,601	8,580	9,144	41
S. A. ....	858,675	102,654	152,093	142,647	70,469	30,076	10,898	117,135	232,296	407
Del. ....	6,201	340	740	910	1,050	1,289	676	585	700	1
Md. ....	32,483	2,123	4,078	5,024	5,097	4,402	1,318	4,012	6,308	31
Va. ....	136,370	16,097	23,777	16,482	7,752	4,500	1,893	21,863	43,032	74
W. Va. ....	68,570	8,833	5,737	3,162	2,269	1,148	355	12,039	35,003	24
N. C. ....	267,818	30,786	54,497	62,182	27,537	5,805	1,003	27,672	58,335	111
S. C. ....	124,188	18,322	24,488	20,731	6,632	2,220	742	19,955	31,050	53
Ga. ....	165,465	21,503	31,132	26,601	14,389	6,523	1,719	21,578	41,940	80
Fla. ....	67,490	3,750	7,709	7,605	5,743	4,189	3,192	9,431	15,838	33
E. S. C. ....	789,667	146,826	181,883	105,956	38,167	13,892	4,157	115,882	182,700	204
Ky. ....	193,446	29,242	40,762	32,448	14,810	4,633	838	24,507	46,074	81
Tenn. ....	203,385	39,188	46,618	25,045	9,376	2,782	609	33,727	45,141	49
Ala. ....	176,949	35,196	32,335	17,126	6,132	3,301	1,017	29,919	51,877	46
Miss. ....	215,887	43,250	62,168	30,437	7,849	3,126	1,692	27,729	39,608	28
W. S. C. ....	668,954	73,962	110,014	93,290	64,523	43,770	20,058	103,573	159,603	161
Ark. ....	145,292	19,269	27,791	20,223	11,789	3,663	3,715	20,114	36,412	16
La. ....	111,240	13,104	21,413	13,961	6,280	3,691	2,018	17,698	33,032	43
Okla. ....	119,270	12,490	17,964	18,952	15,048	8,028	1,527	20,231	24,992	38
Tex. ....	293,152	29,099	42,846	40,154	31,406	25,588	13,198	45,530	65,167	64
Mt. ....	179,871	9,572	21,654	29,536	34,156	28,292	13,229	18,007	25,963	362
Mont. ....	32,956	1,595	3,833	6,003	7,760	6,905	2,581	2,029	2,197	53
Idaho ....	38,810	1,657	4,349	7,002	8,735	7,220	2,319	3,447	4,043	33
Wyo. ....	11,355	569	1,434	2,179	2,558	1,952	941	917	783	22
Colo. ....	40,672	2,428	5,295	7,010	8,049	6,150	2,665	3,755	5,269	51
N. Mex. ....	20,977	1,840	2,309	2,117	2,251	2,024	1,467	2,670	6,256	43
Ariz. ....	9,285	301	761	858	909	1,273	2,114	1,111	1,894	64
Utah. ....	23,008	1,030	3,393	4,065	3,493	2,296	841	3,752	4,056	55
Nev. ....	2,808	152	283	302	401	472	301	326	565	6
Pac. ....	242,579	8,498	26,098	29,216	32,839	34,272	27,087	33,072	51,287	260
Wash. ....	65,135	2,741	6,709	6,554	7,154	7,579	5,673	10,325	18,346	54
Oreg. ....	54,442	2,274	6,444	6,945	6,853	6,478	3,130	8,640	13,627	51
Calif. ....	123,002	3,483	12,045	15,717	18,882	20,215	18,234	14,107	19,314	155

<sup>1</sup> See headnote, table 789.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

No. 793.—FARMS—PERCENT DISTRIBUTION, BY ECONOMIC CLASS, BY STATES: 1954  
 [Based on reports for a sample of farms]

DIVISION AND STATE	All farms	COMMERCIAL FARMS BY VALUE OF FARM PRODUCTS SOLD						OTHER FARMS <sup>1</sup>		
		\$250 to to \$1,199	\$1,200 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$24,999	\$25,000 and over	Part-time	Residential	Abnormal
		100.0	9.7	16.0	17.0	14.8	9.4	2.8	12.0	18.4
United States	100.0	9.7	16.0	17.0	14.8	9.4	2.8	12.0	18.4	0.1
The North	100.0	5.9	13.3	20.1	22.8	14.6	2.9	9.1	11.1	0.1
The South	100.0	14.0	19.2	14.8	7.5	3.8	1.5	14.5	24.8	(2)
The West	100.0	4.3	11.3	13.9	15.9	14.8	9.5	12.1	18.1	0.1
New England	100.0	4.8	9.9	13.4	15.8	13.0	4.7	12.4	25.8	0.2
Maine	100.0	5.8	9.6	12.7	13.4	11.0	4.1	13.3	30.0	0.2
New Hampshire	100.0	6.0	9.6	12.9	11.9	9.1	2.6	14.4	33.3	0.2
Vermont	100.0	3.7	12.0	18.4	25.3	12.6	2.4	9.5	16.0	0.1
Massachusetts	100.0	5.1	10.3	12.5	14.4	14.7	6.4	13.8	22.5	0.4
Rhode Island	100.0	4.7	9.8	11.3	12.6	13.4	4.7	13.1	30.5	—
Connecticut	100.0	2.8	7.5	10.6	13.7	17.9	8.4	11.0	27.9	0.3
Middle Atlantic	100.0	5.4	11.7	16.3	18.7	13.3	3.2	12.9	18.3	0.1
New York	100.0	4.7	11.2	18.0	21.8	14.2	3.4	10.8	15.9	0.1
New Jersey	100.0	4.6	8.2	11.3	16.8	25.7	8.7	9.4	15.2	0.1
Pennsylvania	100.0	6.1	12.7	15.9	16.6	10.4	2.1	15.2	20.8	0.1
East North Central	100.0	6.0	14.2	19.8	21.2	13.8	2.5	10.8	11.6	0.1
Ohio	100.0	6.5	14.1	17.9	18.3	11.1	1.7	13.9	16.4	0.1
Indiana	100.0	6.3	14.0	17.4	19.1	15.1	3.0	12.0	13.0	0.1
Illinois	100.0	5.4	10.3	15.3	23.7	24.0	5.5	7.2	8.7	(2)
Michigan	100.0	7.0	18.7	19.8	16.2	7.8	1.1	15.3	14.0	0.1
Wisconsin	100.0	4.7	15.0	29.4	28.3	9.6	1.0	6.2	5.9	0.1
West North Central	100.0	6.1	13.2	22.1	26.1	15.8	2.9	6.3	7.3	(2)
Minnesota	100.0	5.7	14.0	24.6	28.4	14.2	1.8	6.1	5.3	(2)
Iowa	100.0	3.4	8.0	17.5	31.0	27.0	5.3	3.8	3.8	0.1
Missouri	100.0	11.4	18.1	18.4	14.0	6.3	1.3	12.8	17.6	(2)
North Dakota	100.0	4.6	15.3	32.9	29.6	12.1	1.7	2.0	1.7	(2)
South Dakota	100.0	4.4	12.2	28.1	33.5	15.4	2.4	2.0	2.0	0.1
Nebraska	100.0	3.9	10.6	24.3	31.8	18.7	4.1	3.1	3.4	(2)
Kansas	100.0	5.8	14.1	21.9	24.8	15.7	3.0	7.1	7.6	(2)
South Atlantic	100.0	12.0	17.7	16.6	8.2	3.5	1.3	13.6	27.1	(2)
Delaware	100.0	5.4	11.8	14.5	16.7	20.5	10.7	9.3	11.1	(2)
Maryland	100.0	6.5	12.6	15.5	15.7	13.6	4.1	12.4	19.7	0.1
Virginia	100.0	12.5	17.4	12.1	5.7	3.3	1.4	16.0	31.6	—
West Virginia	100.0	12.9	8.4	4.6	3.3	1.7	0.5	17.6	51.0	(2)
North Carolina	100.0	11.5	20.3	23.2	10.3	2.2	0.4	10.3	21.8	(2)
South Carolina	100.0	14.8	19.7	16.7	5.3	1.8	0.6	16.1	25.0	(2)
Georgia	100.0	13.0	18.8	16.1	8.7	3.9	1.0	13.0	25.3	(2)
Florida	100.0	6.5	13.4	13.2	10.0	7.3	5.6	16.4	27.5	0.1
East South Central	100.0	18.6	23.0	13.4	4.8	1.8	0.5	14.7	23.1	(2)
Kentucky	100.0	15.1	21.1	16.8	7.7	2.4	0.4	12.7	23.8	(2)
Tennessee	100.0	19.2	22.9	12.8	4.6	1.4	0.3	16.6	22.2	(2)
Alabama	100.0	19.9	18.3	9.7	3.5	1.9	0.6	16.9	29.3	(2)
Mississippi	100.0	20.0	28.8	14.1	3.6	1.4	0.8	12.8	18.3	(2)
West South Central	100.0	11.1	16.4	13.9	9.6	6.5	3.0	15.5	23.9	(2)
Arkansas	100.0	13.3	19.1	13.9	8.1	4.4	2.3	13.8	25.1	(2)
Louisiana	100.0	11.8	19.2	12.6	5.6	3.3	1.8	15.9	29.7	(2)
Oklahoma	100.0	10.5	15.1	15.9	12.6	6.7	1.3	17.0	21.0	(2)
Texas	100.0	9.9	14.6	13.7	10.7	8.8	4.5	15.5	22.2	(2)
Mountain	100.0	5.3	12.0	16.4	19.0	15.7	7.4	10.0	13.9	0.2
Montana	100.0	4.8	11.6	18.2	23.5	21.0	7.8	6.2	6.7	0.2
Idaho	100.0	4.3	11.2	18.0	22.5	18.6	6.0	8.9	10.4	0.1
Wyoming	100.0	5.0	12.6	19.2	22.5	17.2	8.3	8.1	6.9	0.2
Colorado	100.0	6.0	13.0	17.2	19.8	15.1	6.6	9.2	13.0	0.1
New Mexico	100.0	8.8	11.0	10.1	10.7	9.6	7.0	12.7	29.8	0.2
Arizona	100.0	3.2	8.2	9.2	9.8	13.7	22.8	12.0	20.4	0.7
Utah	100.0	4.5	14.7	17.7	15.2	10.0	3.7	16.3	17.6	0.4
Nevada	100.0	5.4	10.1	10.8	14.3	16.8	10.7	11.6	20.1	0.2
Pacific	100.0	3.5	10.8	12.0	13.5	14.1	11.1	13.6	21.1	0.1
Washington	100.0	4.2	10.3	10.1	11.0	11.6	8.7	15.9	28.2	0.1
Oregon	100.0	4.2	11.8	12.8	12.6	11.9	5.7	15.9	25.0	0.1
California	100.0	2.8	10.5	12.8	15.3	16.4	14.8	11.5	15.7	0.1

<sup>1</sup> See headnote, table 789.

2.05 percent or less.

## No. 794.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1954

[Value in thousands of dollars. Calendar-year data]

DIVISION AND STATE	Total number of farms	All farm products sold, value	Field crops other than vegetables and fruits and nuts sold, value	VEGETABLES SOLD		Fruits and nuts sold, value
				Farms reporting	Value	
				279,606	645,095	
United States.....	4,782,416	24,644,477	9,924,850			1,198,016
New England.....						
Maine.....	81,878	535,177	98,456	7,274	12,643	24,820
New Hampshire.....	23,308	139,541	56,037	2,307	2,404	3,886
Vermont.....	10,411	45,388	1,511	620	664	2,227
Massachusetts.....	15,081	86,446	2,018	577	248	2,440
Rhode Island.....	17,361	125,226	11,101	2,347	5,755	11,534
Connecticut.....	2,004	45,317	1,929	288	398	347
Middle Atlantic.....	12,753	123,300	26,861	1,185	3,174	4,387
New York.....	257,276	1,514,071	193,241	27,857	84,113	95,847
New Jersey.....	105,714	668,488	74,635	10,893	35,200	54,417
Pennsylvania.....	22,656	242,033	22,011	5,102	33,218	16,088
East North Central.....	798,690	4,593,621	1,575,025	53,830	74,576	79,264
Ohio.....	177,074	844,013	305,197	7,897	13,709	12,949
Indiana.....	153,593	906,019	357,284	5,935	9,589	4,306
Illinois.....	175,543	1,505,637	674,778	4,570	14,310	6,571
Michigan.....	138,922	545,071	168,080	13,931	18,845	46,876
Wisconsin.....	153,558	792,882	69,735	21,497	18,122	8,563
West North Central.....	905,248	6,053,022	2,168,471	14,091	16,069	6,234
Minnesota.....	165,225	983,995	327,237	7,598	10,486	936
Iowa.....	192,933	1,839,980	439,085	2,563	2,601	570
Missouri.....	201,614	733,734	257,632	2,001	1,587	3,557
North Dakota.....	61,943	376,122	256,131	147	52	32
South Dakota.....	62,520	436,001	159,129	309	136	60
Nebraska.....	100,846	880,842	305,710	621	412	325
Kansas.....	120,167	802,340	423,546	852	705	753
South Atlantic.....	858,971	2,630,511	1,229,594	82,724	130,697	260,369
Delaware.....	6,297	81,565	13,515	1,446	5,478	497
Maryland.....	32,500	195,072	47,510	5,345	10,838	5,011
Virginia.....	136,416	363,699	132,063	7,001	10,029	23,616
West Virginia.....	68,583	90,461	7,154	1,934	554	12,219
North Carolina.....	267,906	733,461	576,550	22,723	8,837	7,117
South Carolina.....	124,203	251,711	174,175	11,125	7,822	9,944
Georgia.....	165,523	448,426	218,088	23,384	8,871	12,607
Florida.....	57,543	466,116	60,539	9,766	78,267	188,828
East South Central.....	789,507	1,541,502	957,496	34,827	11,044	12,703
Kentucky.....	193,487	424,654	248,837	3,278	1,252	2,646
Tennessee.....	208,149	353,215	102,936	9,147	3,510	4,099
Alabama.....	176,956	303,657	170,746	11,894	3,730	3,426
Mississippi.....	215,915	459,976	344,977	10,508	2,552	2,532
West South Central.....	668,129	2,853,010	1,843,537	36,610	37,724	18,154
Arkansas.....	145,076	491,765	368,384	6,397	2,385	4,970
Louisiana.....	111,127	369,791	229,398	6,458	3,061	4,541
Oklahoma.....	118,979	409,386	210,977	2,364	1,600	1,624
Texas.....	292,947	1,642,069	1,034,778	21,391	30,678	7,019
Mountain.....	180,026	1,810,249	807,456	8,517	47,972	32,051
Montana.....	33,061	339,481	182,544	348	263	943
Idaho.....	38,740	332,126	185,146	1,635	3,597	6,507
Wyoming.....	11,402	115,135	23,818	101	487	19
Colorado.....	40,749	379,900	106,529	2,139	6,728	9,615
New Mexico.....	21,070	155,090	76,984	1,282	3,339	3,572
Arizona.....	9,321	328,197	199,225	494	30,495	6,897
Utah.....	22,826	126,576	28,602	2,429	2,699	4,470
Nevada.....	2,857	33,744	4,607	89	364	28
Pacific.....	242,691	3,113,314	1,051,583	13,876	230,256	668,574
Washington.....	65,175	506,045	225,699	3,789	16,049	107,964
Oregon.....	54,441	346,347	126,717	2,926	17,950	40,647
California.....	123,075	2,260,921	699,166	7,161	196,258	519,963

## No. 794.—VALUE OF ALL FARM PRODUCTS SOLD, WITH FARMS REPORTING, BY SOURCE OF INCOME, BY STATES: 1954—Continued

[Value in thousands of dollars]

DIVISION AND STATE	Horticultural specialties sold, value	DAIRY PRODUCTS SOLD		Poultry and poultry products sold, value	Livestock and live-stock products sold, value <sup>2</sup>	Forest products sold, value
		Farms reporting <sup>1</sup>	Value			
United States	453,654	1,474,699	3,334,066	1,918,936	7,039,422	130,428
New England						
Maine	33,667	30,428	184,109	143,150	26,686	11,647
New Hampshire	1,744	7,102	24,339	41,123	5,248	4,759
Vermont	1,407	3,425	16,168	19,415	2,495	1,452
Massachusetts	425	10,958	64,327	6,109	6,446	4,484
Rhode Island	15,059	4,505	36,966	36,717	7,345	749
Connecticut	2,116	594	6,246	3,584	679	19
	12,916	3,817	36,063	36,200	4,473	235
Middle Atlantic	99,963	115,048	603,689	273,186	155,689	8,343
New York	37,758	57,363	334,322	78,292	48,837	5,028
New Jersey	22,519	4,023	52,384	79,687	15,077	148
Pennsylvania	39,687	53,662	216,933	115,207	91,775	3,167
East North Central	102,799	399,061	955,260	285,626	1,510,087	10,985
Ohio	36,213	77,087	149,101	69,991	255,322	1,531
Indiana	14,148	61,850	94,154	71,266	354,241	1,082
Illinois	24,738	68,075	121,005	51,963	611,641	630
Michigan	19,921	68,409	151,306	40,332	96,301	3,318
Wisconsin	7,779	123,640	439,694	82,073	192,492	4,423
West North Central	32,605	490,406	532,111	329,726	2,963,630	4,175
Minnesota	9,467	115,021	198,700	102,875	332,401	1,893
Iowa	9,182	112,941	116,714	96,469	1,174,824	453
Missouri	7,160	81,947	84,203	51,247	326,841	1,507
North Dakota	439	37,740	27,161	8,087	84,189	30
South Dakota	1,000	33,120	20,257	18,797	236,564	55
Nebraska	2,079	56,980	55,922	28,613	507,711	60
Kansas	3,278	52,657	49,153	23,637	301,100	168
South Atlantic	56,056	98,644	257,719	350,653	304,597	40,824
Delaware	2,804	1,475	6,965	48,572	3,029	204
Maryland	5,697	8,936	55,818	42,831	26,355	1,012
Virginia	6,457	31,130	52,714	57,751	73,721	7,347
West Virginia	2,100	17,478	16,275	24,634	25,816	1,680
North Carolina	5,385	22,447	35,952	47,518	43,976	8,125
South Carolina	1,596	6,244	15,488	16,289	22,188	4,254
Georgia	4,415	9,415	31,446	95,248	63,054	14,696
Florida	27,601	1,519	43,101	17,810	46,463	3,506
East South Central	13,850	144,423	146,985	93,094	286,696	19,633
Kentucky	2,689	57,386	44,339	14,180	103,847	1,864
Tennessee	4,264	51,386	49,782	16,001	79,014	3,519
Alabama	5,647	13,723	22,324	35,455	53,826	8,503
Mississippi	1,251	21,928	30,540	27,367	45,010	5,747
West South Central	19,935	80,424	174,110	155,132	596,929	7,489
Arkansas	1,446	22,012	21,849	50,175	39,639	2,866
Louisiana	2,999	4,619	25,330	9,780	32,740	1,941
Oklahoma	2,807	30,387	35,612	15,119	141,362	285
Texas	12,682	23,406	91,320	80,057	383,139	2,396
Mountain	13,495	63,294	121,327	46,032	737,783	4,192
Montana	831	11,466	11,407	3,734	138,836	923
Idaho	1,434	21,996	37,731	5,504	90,654	1,552
Wyoming	408	3,855	4,721	1,158	84,287	237
Colorado	6,951	13,485	25,548	10,528	213,710	291
New Mexico	529	2,081	7,652	2,512	60,353	149
Arizona	2,072	999	13,098	3,274	72,295	839
Utah	1,209	8,861	18,407	18,821	52,276	90
Nevada	60	551	2,762	501	25,371	52
Pacific	81,283	52,971	358,755	242,338	457,325	23,199
Washington	8,854	19,377	55,086	29,900	57,365	5,128
Oregon	9,872	16,370	39,159	24,569	73,383	14,051
California	62,558	17,224	264,510	187,869	326,577	4,020

<sup>1</sup> Farms reporting milk sold plus farms reporting cream sold.<sup>2</sup> Other than dairy and poultry.

**No. 795.—FARMS—NUMBER, BY COLOR AND TENURE OF OPERATOR, WITH ACREAGE AND VALUE BY TENURE OF OPERATOR: 1910 TO 1954**

[1950 data for value of farms and all 1954 data based on reports for a sample of farms. See also *Historical Statistics*, series E 19-24, 31-60.]

YEAR, COLOR, AND REGION	All farms	Full owner	Part owner	Manager	TENANT	
					Cash <sup>1</sup>	Other
<b>NUMBER OF FARMS</b>						
<b>United States, total:</b>						
1910	6,361,502	3,354,897	593,825	58,104	712,294	1,642,382
1920	6,445,343	3,366,510	558,580	68,449	480,009	1,974,795
1930	6,288,618	2,911,644	656,750	55,889	480,210	2,175,155
1940	6,006,799	3,084,138	615,039	36,351	514,438	1,846,833
1950	5,382,162	3,089,583	824,923	23,527	212,790	1,231,339
1954	4,783,021	2,744,708	868,180	20,894	160,131	939,108
White:						
1910	5,440,619	3,159,088	548,413	56,560	447,351	1,228,707
1920	5,408,454	3,174,109	517,759	66,223	373,835	1,366,528
1930	5,372,578	2,752,787	612,887	52,767	387,824	1,566,303
1940	5,377,728	2,916,562	581,517	35,634	444,205	1,399,810
1950	4,801,243	2,936,122	769,573	23,056	171,375	901,117
1954	4,301,420	2,604,730	814,112	20,236	130,737	731,605
Nonwhite:						
1910	920,883	195,809	45,412	1,544	264,443	413,675
1920	949,889	192,401	40,821	2,226	106,174	608,267
1930	916,070	158,857	43,863	3,122	101,376	608,852
1940	719,071	167,576	33,522	717	70,233	447,023
1950	580,919	153,461	55,350	471	41,415	330,222
1954	481,601	139,978	54,068	658	29,394	257,503
<b>The South, total:</b>						
1910	3,097,547	1,329,390	215,121	16,284	453,060	1,083,692
1920	3,206,664	1,405,762	191,463	18,318	219,188	1,371,933
1930	3,223,816	1,190,883	224,992	17,358	238,032	1,552,751
1940	3,007,170	1,327,690	216,807	13,580	254,351	1,194,942
1950	2,652,423	1,411,123	325,999	9,979	119,855	785,477
1954	2,317,296	1,275,226	351,016	9,571	88,782	592,701
White:						
1910	2,207,406	1,154,100	171,944	15,084	192,094	674,184
1920	2,283,750	1,227,204	152,432	16,548	118,913	768,663
1930	2,342,128	1,050,187	183,489	16,529	140,112	951,832
1940	2,326,904	1,185,788	185,246	13,215	189,667	732,988
1950	2,093,333	1,260,641	274,135	9,740	80,293	459,943
1954	1,883,820	1,145,372	300,280	9,190	60,634	338,344
Nonwhite:						
1910	890,141	175,290	43,177	1,200	260,966	409,508
1920	922,914	178,558	39,031	1,770	100,275	603,280
1930	881,687	140,496	41,523	829	97,920	600,910
1940	880,266	141,902	31,361	365	64,684	441,954
1950	559,090	141,482	51,864	239	39,562	325,943
1954	463,476	129,854	50,736	381	28,148	254,357
<b>LAND IN FARMS (1,000 acres)</b>						
<b>United States, total:</b>						
1910	878,798	494,923	133,631	53,731	67,847	158,666
1920	955,884	461,250	175,525	54,129	65,005	199,885
1930	986,771	372,450	245,926	61,986	71,370	235,039
1940	1,080,882	382,098	300,325	68,530	74,889	237,010
1950	1,158,566	418,970	422,394	105,241	42,203	169,757
1954	1,160,044	397,214	472,465	100,003	36,960	153,402
<b>VALUE OF FARMS (LAND AND BUILDINGS) (\$1,000)</b>						
<b>United States, total:</b>						
1910	34,801,126	17,310,639	5,056,295	1,456,959	10,977,232	
1920	66,316,003	30,710,721	9,153,502	2,665,216	6,012,819	17,773,744
1930	47,879,838	21,123,468	8,136,335	2,238,478	3,801,132	12,580,426
1940	33,641,739	15,297,274	6,112,411	1,442,657	2,227,608	8,561,788
1950	75,260,606	(2)	(2)	(2)	(2)	(2)
1954	97,582,918	(2)	(2)	(2)	(2)	(2)

<sup>1</sup> For 1910, standing renters (renters paying a fixed quantity of products) were included with Cash tenants for all States; for 1920, those for northern and western States were included with Cash tenants, and those for the South with Other tenants.

<sup>2</sup> Averages only available.

## No. 796.—FARMS—NUMBER, BY TENURE OF OPERATOR, BY STATES: 1950 AND 1954

[1954 data based on reports for a sample of farms. For total number of farms (all tenures combined), see table 785. See also *Historical Statistics*, series E 19-24.]

DIVISION AND STATE	NUMBER OF FARMS OPERATED BY—								TENANTS AS PERCENT OF TOTAL	
	Full owners		Partowners		Managers		Tenants			
	1950	1954	1950	1954	1950	1954	1950	1954	1950	1954
	3,089,583	2,744,708	824,923	868,180	23,527	20,894	1,444,129	1,149,239	26.8	24.0
United States										
The North	1,366,118	1,189,462	414,165	430,306	8,436	6,800	479,347	416,707	21.1	20.4
The South	1,411,123	1,275,226	325,999	351,016	9,979	9,571	905,322	681,483	34.1	29.4
The West	312,342	280,020	84,759	86,858	5,112	4,523	59,460	51,049	12.9	12.1
New England	86,845	64,889	11,784	13,867	817	625	3,779	2,435	3.7	3.0
Maine	27,180	19,999	8,293	2,823	102	119	783	435	2.6	1.9
New Hampshire	11,368	8,352	1,490	1,772	94	57	441	242	3.3	2.3
Vermont	15,273	11,602	2,741	3,553	142	106	887	733	4.7	4.6
Massachusetts	18,766	14,019	2,440	2,623	277	254	737	420	3.3	2.4
Rhode Island	1,997	1,495	394	341	31	12	176	105	6.8	5.4
Connecticut	12,263	9,422	2,426	2,755	171	82	755	495	4.8	3.9
Middle Atlantic	234,472	195,711	36,987	42,212	1,934	1,356	23,309	17,920	7.9	7.0
New York	97,576	78,547	18,934	21,511	833	585	7,634	5,028	6.1	4.8
New Jersey	19,557	17,713	3,054	3,307	312	187	1,915	1,488	7.7	6.6
Pennsylvania	117,339	99,451	14,099	17,394	789	584	13,760	11,404	4.4	3.9
East North Central	562,255	492,161	144,522	152,869	3,165	2,635	175,462	151,400	19.8	18.9
Ohio	134,969	116,788	28,026	30,308	722	687	35,642	29,315	17.9	16.6
Indiana	105,365	94,188	28,615	30,829	539	425	32,108	28,255	19.3	18.4
Illinois	87,234	75,640	39,771	38,270	793	525	67,470	61,270	34.6	34.9
Michigan	113,914	99,027	27,231	29,163	492	406	13,952	10,347	9.0	8.0
Wisconsin	120,773	106,518	20,879	24,299	619	592	26,290	22,213	15.6	14.5
West North Central	482,546	436,701	220,872	221,358	2,520	2,184	276,797	244,952	28.2	27.1
Minnesota	106,487	96,758	34,843	36,171	375	304	37,396	32,091	20.9	19.4
Iowa	94,833	87,984	30,229	30,581	561	456	77,536	73,988	38.2	38.3
Missouri	146,427	128,124	36,674	37,742	555	503	46,389	35,311	20.2	17.5
North Dakota	25,483	23,467	25,493	25,488	125	95	14,300	12,758	21.9	20.6
South Dakota	20,697	19,714	25,334	24,288	224	197	20,197	18,151	30.4	29.1
Nebraska	37,939	35,141	27,164	26,342	333	327	41,747	38,923	38.9	38.6
Kansas	50,680	45,513	41,135	40,746	347	302	39,232	33,730	29.9	28.0
South Atlantic	546,883	497,734	100,491	115,504	3,936	3,917	307,688	241,520	32.1	28.1
Delaware	5,194	4,237	917	1,132	72	79	1,285	843	17.0	13.4
Maryland	25,671	22,505	3,387	4,344	338	337	6,711	5,297	18.6	16.3
District of Columbia	16	(1)	2	(1)	9	(1)	1	(1)	3.6	(1)
Virginia	108,398	94,431	16,209	19,185	571	595	25,879	22,159	17.1	16.2
West Virginia	67,583	56,243	5,280	5,943	218	169	8,353	6,215	10.3	9.1
North Carolina	142,085	129,239	35,422	41,420	516	564	110,485	96,586	38.3	36.1
South Carolina	59,282	57,626	16,495	17,337	401	446	63,186	48,779	45.3	39.3
Georgia	95,905	88,005	16,619	19,255	844	915	84,820	57,290	42.8	34.6
Florida	42,806	45,448	6,160	6,879	967	812	6,988	4,351	12.3	7.6
East South Central	478,925	428,840	97,736	109,430	2,062	2,040	334,279	249,357	36.6	31.6
Kentucky	143,455	126,118	25,493	28,523	416	384	49,112	38,421	22.5	19.9
Tennessee	134,670	121,221	28,851	30,590	377	388	67,733	51,186	29.2	25.2
Alabama	97,747	88,432	25,716	27,427	436	537	87,613	60,553	41.4	34.2
Mississippi	103,053	93,069	17,676	22,890	833	731	120,821	99,197	51.6	45.9
West South Central	385,315	348,652	127,772	126,082	3,981	3,614	263,355	190,606	33.7	28.5
Arkansas	93,643	77,739	19,640	18,652	544	633	68,602	48,263	37.6	33.2
Louisiana	62,810	60,360	11,584	12,828	588	528	49,199	37,524	39.6	33.7
Oklahoma	63,723	58,372	33,315	31,418	481	544	44,727	28,936	31.4	24.3
Texas	165,139	152,181	63,233	63,184	2,368	1,904	100,827	75,833	30.5	25.9
Mountain	112,155	101,177	49,543	49,933	1,922	1,794	31,238	26,967	16.0	15.0
Montana	16,090	14,493	13,573	13,425	267	251	5,155	4,787	14.7	14.5
Idaho	25,947	24,231	6,890	7,711	164	178	7,283	6,609	18.1	17.0
Wyoming	6,008	5,198	4,249	4,128	214	178	2,143	1,851	17.0	16.3
Colorado	23,582	20,928	11,255	10,457	366	305	10,375	8,972	22.8	22.1
New Mexico	14,533	12,769	5,731	5,656	278	249	3,057	2,303	13.0	11.0
Arizona	6,718	5,727	2,115	2,252	343	290	1,236	1,016	11.9	10.9
Utah	16,854	15,703	5,371	5,879	196	190	1,755	1,236	7.3	5.4
Nevada	2,423	2,118	359	425	94	72	234	193	7.5	6.9
Pacific	200,187	178,843	35,216	36,925	3,190	2,729	28,222	24,082	10.6	9.9
Washington	53,284	48,723	9,456	9,901	361	371	6,719	6,050	9.6	9.3
Oregon	46,080	41,250	8,282	8,606	273	336	5,203	4,250	8.7	7.8
California	100,834	88,870	17,478	18,328	2,556	2,022	16,300	13,782	11.9	11.2

<sup>1</sup> Not available.

No. 797.—MORTGAGED FARMS—NUMBER, ACREAGE, VALUE, AND AMOUNT OF INDEBTEDNESS IN COMPARISON WITH ALL FARMS, BY TENURE AND REGION: 1930 TO 1956

REGION AND TENURE		FARMS		LAND IN FARMS		VALUE OF FARMS (LAND AND BUILDINGS)		MORTGAGE DEBT		Equity per mortgaged farm			
		Mortgaged farms		All farms, acres (1,000)		Mortgaged farms		All farms (\$1,000)					
		Total number	Number	Percent of total	Acres (1,000)	Percent of total	Amount (\$1,000)	Percent of total	Total (\$1,000)	Ratio to value of mortgaged farms (percent)	Debt per acre	Debt per farm	
United States, all tenures.....	1930	6,288,648	2,223,223	40.1	986,771	45.1	47,879,338	(1)	9,630,768	(1)	\$14.40	\$3,929	
	1940	6,096,799	2,663,777	38.8	1,060,352	45.7	5,875,779	47.2	6,586,915	41.5	2,736	6,672	
	1945	5,859,163	1,713,835	29.3	1,441,615	57.3	46,388,126	16,375,454	35.3	4,940,126	30.2	3,124	3,125
	1950	5,332,134	1,480,401	27.5	1,153,503	61.0	22,049,126	22,049,126	29.5	5,573,278	25.3	3,138	3,125
	1956	4,783,021	(1)	1,160,044	30.1	106,576,916	35,282,284	34.0	3,666,453	25.0	26.00	(1)	
Full owners.....	1930	2,911,644	1,231,668	42.3	372,450	182,081	18,900	21,123,465	10,055,133	51.9	433,225	39.6	
	1940	3,084,138	1,278,312	41.4	382,988	180,452	47.2	15,297,274	7,887,163	51.6	3,358,376	42.5	
	1945	3,301,361	997,205	36.2	412,368	149,106	36.2	21,106,511	8,160,198	38.2	2,689,787	32.9	
	1950	3,059,567	894,036	28.9	418,970	135,343	32.3	32,600,092	11,273,372	34.5	3,116,666	27.6	
	1956	2,744,708	909,239	21.1	397,214	149,111	37.5	44,006,567	17,625,598	40.1	4,716,920	25.8	
Part owners (owned portion only).....	1930	656,750	360,033	54.8	120,748	(1)	120,748	120,748	100.0	3,036,666	31.6	5,191	
	1940	615,039	336,416	54.7	144,639	93,882	64.9	3,564,203	2,358,403	66.2	1,105,664	(1)	
	1945	650,502	273,929	45.1	192,929	80,897	40.8	5,140,203	3,564,203	48.5	876,036	30.6	
	1950	824,921	281,475	34.1	228,304	90,079	39.5	11,490,118	4,585,278	40.1	1,175,337	25.7	
	1956	868,150	368,269	42.4	261,031	117,087	44.9	18,963,494	9,086,969	47.9	2,311,978	25.4	
Tenants and managers and rented portion of part-owner farms.....	1930	2,720,254	931,522	34.2	493,573	(1)	34.3	14,780,252	(1)	38.1	(1)	(1)	
	1940	2,397,622	749,049	31.2	534,115	183,040	34.3	5,628,213	(1)	2,127,359	(1)	(1)	
	1945	1,887,316	442,721	23.3	526,908	134,119	25.0	19,332,544	5,347,035	27.6	1,376,032	25.7	
	1950	1,467,616	374,850	21.8	511,291	176,158	20.0	30,747,426	9,569,717	20.2	2,844,344	20.7	
	1956	1,701,133	(1)	501,738	82,489	16.4	33,606,356	9,190,476	21.9	2,034,256	21.3	(1)	
The North, all tenures.....	1930	2,561,785	1,202,261	46.9	425,709	191,630	44.0	18,906,131	9,026,389	47.7	6,082,054	(1)	
	1940	2,578,939	1,271,695	43.7	435,088	164,715	44.7	17,401,414	9,498,694	37.4	3,031,631	45.7	
	1945	2,483,578	885,978	35.7	426,715	124,320	28.2	38,047,905	11,314,762	28.7	2,986,114	42.2	
	1950	2,283,086	726,997	32.0	440,328	141,427	32.2	52,080,197	17,124,264	33.5	4,494,333	25.8	
	1956	2,043,275	(1)	435,155	141,427	(1)	32.5	52,080,197	(1)	3,061,408	(1)	(1)	
The South, all tenures.....	1930	3,223,816	1,057,662	33.1	323,986	(1)	33.1	12,345,363	(1)	37.8	11,622	(1)	
	1940	3,007,170	1,032,519	33.4	370,168	163,471	44.2	9,716,128	4,220,801	43.4	1,502,187	35.6	
	1945	2,881,135	660,309	22.9	377,795	115,409	30.5	13,148,834	4,075,520	31.0	1,184,935	24.6	
	1950	2,652,395	658,113	22.1	333,214	102,633	26.1	22,608,745	6,122,049	27.1	1,476,261	24.3	
	1956	2,317,296	(1)	317,047	111,886	28.0	20,988,649	10,573,887	32.3	2,565,616	24.3	2,508	
The West, all tenures.....	1930	503,047	253,300	50.4	217,905	(1)	50.4	7,282,444	(1)	4,872,986	(1)	(1)	
	1940	509,670	229,753	45.7	255,976	102,273	40.0	5,016,480	2,626,489	52.4	9,027,058	36.6	
	1945	494,456	167,968	33.9	316,328	93,004	29.4	8,836,677	2,805,740	35.8	724,349	25.8	
	1950	461,673	103,191	36.4	324,523	76,607	23.8	14,048,127	4,612,075	24.3	1,222,963	24.3	
	1956	422,450	(1)	337,487	95,374	28.3	21,762,070	8,284,143	38.0	2,006,104	24.2	6,676	

1 Not available.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Research Service; cooperative report, U. S. Census of Agriculture, 1944, Vol. III, part 5.

**No. 798.—MORTGAGED FARMS OPERATED BY OWNERS—NUMBER, AMOUNT OF INDEBTEDNESS, ACREAGE, AND VALUE, BY STATES: 1950 AND 1956**

[Comprises full-owner farms and the owned portion of part-owner farms]

DIVISION AND STATE	MORTGAGED FARMS OPER- ATED BY OWNERS				AMOUNT OF FARM MORTGAGE DEBT (\$1,000)	LAND IN MORT- GAGED FARMS (acres)	VALUE OF MORT- GAGED FARMS (LAND AND BUILD- INGS) (\$1,000)	RATIO OF DEBT TO VALUE (per- cent)				
			Percent of all owner- oper- ated farms	Number								
	1950	1956	1950	1956								
U. S.	1,175,571	1,277,508	30.0	35.4	4,294,934	7,031,898	225,422,000	266,197,348	15,858,650	26,712,567	27.1	26.3
North	626,466	635,765	35.2	39.3	2,326,943	3,447,465	94,330,700	106,701,504	8,049,790	12,483,384	28.9	27.6
South	306,929	472,654	22.9	29.0	1,052,236	1,921,676	68,504,200	81,952,620	4,184,824	7,646,884	25.1	25.1
West	152,176	169,089	38.3	46.1	1,195,755	1,662,757	62,587,100	77,543,224	3,624,027	6,582,299	25.3	25.3
N. E.	39,862	34,662	40.4	44.0	134,498	178,272	4,510,100	4,428,000	467,797	598,499	28.8	29.8
Maine	8,598	7,703	29.2	33.8	19,611	27,657	1,192,600	1,202,808	68,163	87,394	28.8	31.6
N. H.	5,263	4,422	40.9	43.7	14,869	20,372	604,400	565,656	47,730	60,957	31.2	23.4
Vt.	8,522	8,169	55.2	53.9	30,433	39,343	1,548,700	1,703,112	86,745	115,482	35.1	34.1
Mass.	10,004	7,930	47.6	47.7	37,522	45,016	674,800	526,771	135,059	160,287	27.8	28.1
R. I.	967	884	40.4	48.1	3,930	6,093	59,800	46,665	16,126	23,598	24.4	23.8
Conn.	6,418	5,554	43.7	45.6	28,133	39,791	420,800	382,898	113,974	148,781	24.7	26.7
M. A.	94,574	88,930	34.8	37.4	336,570	456,666	9,710,400	9,904,809	1,093,248	1,586,274	30.8	28.8
N. Y.	45,160	41,348	38.8	41.3	155,682	210,423	5,498,100	5,696,961	509,024	714,293	30.6	29.5
N. J.	9,279	9,554	41.0	45.5	50,343	76,736	530,700	522,246	186,112	302,436	27.0	25.4
Pa.	40,135	38,028	30.3	32.5	130,545	161,404	3,711,600	3,685,602	398,112	569,545	32.8	29.7
E. N. C.	241,256	238,572	34.1	37.0	868,293	1,232,808	24,127,400	25,097,162	2,888,129	4,457,480	30.1	27.7
Ohio	51,666	51,351	31.7	34.9	181,570	264,302	4,207,500	4,322,691	597,132	978,895	30.4	27.0
Ind.	48,686	48,377	36.3	38.7	146,234	222,706	4,318,800	4,365,601	557,284	924,418	26.0	22.4
Ill.	33,887	33,769	26.7	29.6	158,281	222,710	3,737,100	4,033,692	605,515	905,990	26.1	23.7
Mich.	46,974	46,349	33.3	36.2	141,665	202,946	4,391,900	4,644,825	452,184	735,574	31.3	27.6
Wis.	60,043	53,722	42.4	44.9	210,543	314,144	7,472,100	7,730,353	676,014	852,003	35.6	36.8
W. N. C.	250,774	273,601	35.7	41.6	987,582	1,579,719	55,982,800	67,271,533	3,600,625	5,841,131	27.4	27.0
Minn.	55,553	60,680	30.3	45.6	223,173	355,783	9,043,700	10,499,497	726,721	1,188,529	30.7	30.0
Iowa	49,458	55,426	39.5	46.7	248,813	439,452	6,831,500	7,972,302	1,010,809	1,505,034	28.2	27.6
Mo.	60,500	61,126	33.1	36.8	134,974	220,394	7,721,300	8,441,195	488,554	719,282	27.6	29.4
N. Dak.	16,637	19,172	32.6	39.2	54,314	90,480	7,726,400	9,373,300	227,262	366,927	23.9	24.7
S. Dak.	16,586	19,547	36.0	44.4	68,241	107,938	8,708,100	10,773,277	261,948	428,142	26.1	25.2
Nebr.	22,804	24,777	35.0	40.3	112,167	181,207	9,090,600	10,971,781	439,943	754,086	25.5	24.0
Kans.	29,146	32,873	31.7	38.1	109,900	181,451	6,861,200	9,249,181	445,388	758,231	24.7	23.9
S. A.	139,187	170,837	21.5	27.8	343,232	673,854	17,130,000	21,802,953	1,290,244	2,703,152	26.6	24.9
Del.	1,878	1,732	30.7	32.3	8,390	11,353	190,800	205,166	23,505	38,773	35.7	29.3
Md.	9,855	9,901	33.9	37.2	43,582	63,703	1,015,300	1,110,753	138,437	247,990	31.1	26.5
Va.	20,952	25,964	18.6	22.9	64,320	118,553	2,428,800	2,967,210	238,870	429,761	26.6	27.6
W. Va.	11,638	10,416	16.0	16.7	22,082	27,289	1,255,500	1,212,208	81,140	95,049	27.2	27.8
N. C.	33,858	47,731	19.1	28.0	63,407	131,202	2,472,800	3,608,173	248,522	554,075	25.5	23.7
S. C.	17,407	20,456	23.0	27.3	33,699	57,071	1,877,400	2,065,023	137,316	202,322	24.5	28.2
Ga.	31,667	37,649	28.1	35.1	63,379	125,904	4,795,300	6,555,168	222,502	493,808	28.5	25.5
Fla.	11,932	16,897	24.4	32.3	44,373	136,716	3,091,100	4,079,192	199,952	641,347	22.2	21.3
E. S. C.	125,004	149,427	21.7	27.8	262,505	477,652	13,083,300	16,773,950	927,786	1,558,206	28.3	30.7
Ky.	32,370	37,785	19.2	24.4	83,830	118,102	3,131,000	3,943,555	298,593	379,502	28.1	31.1
Tenn.	32,319	38,772	19.8	25.5	63,458	119,653	2,762,500	3,187,758	228,199	387,860	27.8	30.8
Ala.	31,995	37,419	25.9	32.3	55,297	103,431	3,650,100	4,432,803	191,323	345,866	28.9	20.9
Miss.	28,320	35,451	23.5	30.6	59,920	136,406	3,539,700	5,203,834	209,071	441,978	28.6	30.7
W. S. C.	132,738	152,390	25.9	32.1	416,499	770,170	38,290,900	43,375,717	1,966,794	3,385,526	22.7	22.7
Ark.	23,714	27,987	20.9	29.0	48,880	89,940	3,018,300	4,155,546	186,010	314,084	26.3	28.6
La.	14,378	20,757	19.3	28.4	33,139	77,624	1,478,100	2,068,022	134,717	310,295	24.6	25.0
Okla.	31,340	33,189	32.3	33.7	87,518	156,508	6,740,300	8,028,879	341,119	600,570	25.7	26.1
Tex.	63,306	70,460	27.7	32.7	276,902	446,038	27,054,200	29,123,270	1,304,948	2,160,613	21.2	20.6
Mt.	61,361	68,513	19.9	45.3	352,580	660,159	46,256,200	57,816,698	1,400,371	2,582,288	25.5	25.6
Mont.	9,651	11,200	32.5	40.1	53,371	108,267	11,483,200	15,424,311	219,724	438,373	24.3	24.7
Idaho	13,892	16,766	42.3	52.5	67,484	140,085	5,867,900	5,112,403	262,389	549,860	25.7	25.5
Wyo.	4,837	4,960	47.2	53.2	31,244	57,557	7,781,700	9,478,834	134,577	213,176	23.2	27.0
Colo.	14,841	14,801	41.8	47.4	80,300	144,204	8,959,100	10,820,472	306,942	526,493	26.2	27.4
N. Mex.	5,971	6,340	29.5	34.4	40,747	69,916	8,518,900	7,762,238	169,718	281,257	24.0	24.9
Ariz.	3,335	3,734	37.8	46.8	29,515	55,856	2,130,100	3,675,250	112,172	248,408	26.3	22.5
Utah	8,217	9,395	37.0	43.5	39,099	62,754	3,293,500	3,246,073	158,516	238,051	24.7	26.4
Nev.	911	1,221	32.7	43.9	10,730	21,520	1,421,800	2,287,057	36,333	86,670	20.5	24.8
Pac.	90,815	100,576	38.6	46.6	563,175	1,002,598	16,330,900	19,726,526	2,223,656	4,000,011	25.3	25.1
Wash.	22,361	26,673	35.6	45.4	101,215	180,108	3,354,100	4,050,479	369,029	639,504	27.4	28.2
Oreg.	20,628	22,882	38.0	45.9	100,120	178,864	5,748,700	7,123,847	365,865	629,476	27.4	28.4
Calif.	47,826	51,021	40.4	47.6	301,840	643,626	7,228,100	8,552,200	1,488,762	2,730,941	24.3	23.6

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Research Service; cooperative report, U. S. Census of Agriculture: 1954, Vol. III, part 5.

No. 799.—BALANCE SHEET OF AGRICULTURE: 1940 TO 1957  
 [In billions of dollars. As of January 1. Margin of error of estimates varies with items]

ITEM	1940	1945	1950	1952	1953	1954	1955	1956	1957 (prel.)
<b>Assets</b>	<b>53.8</b>	<b>94.7</b>	<b>133.5</b>	<b>167.2</b>	<b>164.8</b>	<b>161.5</b>	<b>166.5</b>	<b>170.2</b>	<b>176.0</b>
Physical assets:									
Real estate.....	33.6	53.9	75.3	96.0	96.6	94.7	98.8	102.7	106.4
Non-real-estate:									
Livestock.....	5.1	9.0	13.9	19.5	14.8	11.7	11.2	10.8	
Machinery and motor vehicles.....	3.1	6.3	11.2	14.9	15.4	15.9	16.0	16.6	
Crops stored on and off farms <sup>1</sup> .....	2.7	6.7	7.6	8.8	9.0	9.2	9.6	8.3	49.2
Household furnishings and equipment <sup>2</sup> .....	4.3	4.7	7.7	9.3	10.0	10.6	11.1	11.6	
Financial assets:									
Deposits and currency.....	3.9	9.5	10.9	11.3	11.3	11.3	11.3	11.3	
United States savings bonds.....	.3	3.4	4.8	4.9	5.0	5.2	5.4	5.6	20.4
Investment in cooperatives.....	.8	1.2	2.1	2.5	2.7	2.9	3.1	3.3	
<b>Claims</b>	<b>53.8</b>	<b>94.7</b>	<b>133.5</b>	<b>167.2</b>	<b>164.8</b>	<b>161.5</b>	<b>166.5</b>	<b>170.2</b>	<b>176.0</b>
Liabilities, total.....	10.0	8.3	12.5	14.5	16.0	17.1	17.7	18.8	20.7
Real estate debt.....	6.6	4.9	5.6	6.6	7.2	7.7	8.2	9.0	9.8
Non-real-estate debt—									
To principal institutions:									
Excluding loans held or guaranteed by Commodity Credit Corporation.....	1.5	1.6	2.8	4.1	4.2	3.8	4.0	4.4	
Loans held or guaranteed by Commodity Credit Corporation.....	.4	.7	1.7	.6	1.2	2.4	2.2	1.9	10.9
To others <sup>3</sup> .....	1.5	1.1	2.4	3.2	3.4	3.2	3.3	3.5	
Proprietors' equities.....	43.8	86.4	121.0	152.7	148.8	144.4	148.8	151.4	155.3

<sup>1</sup> Comprises all crops held on farms for whatever purpose and crops held off farms as security for Commodity Credit Corporation loans.

<sup>2</sup> Estimated valuation for 1940, plus purchases minus depreciation since then.

<sup>3</sup> Comprises individuals, merchants, dealers, and others. Estimates based on fragmentary data.

Source: Department of Agriculture, Agricultural Research Service; *The Balance Sheet of Agriculture*.

No. 800.—OFF-FARM INCOME OF FARM OPERATOR FAMILIES, BY SOURCE: 1955

SOURCE OF INCOME	Income (\$1,000)	SOURCE OF INCOME	Income (\$1,000)
<b>Total off-farm income.....</b>	<b>8,006,472</b>	Received by farm operator—Continued interest, dividends, trust funds, or royalties.....	
Farm sources <sup>1</sup> .....	1,066,728	Veteran's pensions and compensation, veteran's school allotment, serviceman's family allotment.....	450,052
Nonfarm sources.....	6,939,744	Retirement pay, unemployment compensation, old-age pension, annuities, alimony, regular contributions or welfare received.....	189,832
Received by farm operator.....	6,383,624	Any other personal income.....	325,559
Off-farm business or self-employment.....	1,267,414		45,480
Farm custom work.....	205,521	Received by wife.....	828,916
Farm trucking and hauling.....	65,485	Farm sources <sup>1</sup> .....	22,401
Nonfarm business.....	996,408	Nonfarm sources.....	806,514
Working for others for wages or salary.....	3,423,210	Received by other family members.....	793,932
Farm work.....	229,593	Farm sources <sup>1</sup> .....	87,848
Nonfarm work.....	3,193,617	Nonfarm sources.....	706,084
Rental of farm real estate.....	455,880		
Rental of nonfarm real estate.....	173,014		
Roomers and boarders.....	53,183		

<sup>1</sup> Excludes income received from farm on which family was living.

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service; cooperative report, *U. S. Census of Agriculture: 1954*, Vol. III, part 11.

## No. 801.—FARM INCOME, PRICES RECEIVED AND PAID BY FARMERS: 1930 TO 1956

[Farm income in millions of dollars. See also *Historical Statistics*, series E 88-104]

ITEM	1930	1935	1940	1945	1950	1953	1954	1955	1956 (prel.)
<b>FARM INCOME</b>									
Realized gross income.....	11,432	9,666	11,038	25,772	32,105	35,126	33,463	32,939	33,979
Cash receipts, total.....	9,055	7,698	9,105	22,405	28,688	31,382	29,971	29,493	30,553
Crops.....	3,868	2,977	3,409	9,655	12,360	14,035	13,443	13,427	13,793
Livestock and livestock products.....	5,187	4,143	4,913	12,008	16,045	17,134	16,271	15,837	16,206
Government payments.....		573	723	742	283	213	257	229	254
Value of home consumption.....	1,552	1,320	1,210	2,356	2,051	2,075	1,809	1,768	1,752
Rental value of dwellings.....	825	658	723	1,011	1,306	1,669	1,023	1,078	1,074
Total expenses of agricultural production.....	6,909	5,061	6,749	12,922	19,248	21,246	21,442	21,599	22,143
Current farm operating expense (excluding hired labor).....	3,238	2,445	3,732	7,441	11,419	12,266	12,427	12,448	12,847
Depreciation and other consumption of farm capital.....	955	664	796	1,340	2,743	3,539	3,045	3,734	3,798
Taxes on farms.....	648	434	451	557	919	1,089	1,122	1,187	1,204
Interest on farm mortgage debt.....	570	396	293	221	264	347	376	410	429
Wages paid hired farm labor.....	1,177	775	1,029	2,299	2,750	2,792	2,710	2,750	2,790
Net rent to nonfarm landlords.....	321	347	448	1,064	1,153	1,213	1,162	1,070	1,075
Realized net income of farm operators from farming.....	4,523	4,605	4,289	12,850	12,857	13,880	12,021	11,340	11,836
Adjustment for inventory changes.....	-269	+698	+281	-439	+859	-617	+466	+340	-250
Total net income of farm operators from farming.....	4,254	5,303	4,570	12,411	13,716	13,263	12,487	11,680	11,586
Farm wages to laborers living on farms.....	806	555	729	1,610	1,743	1,831	1,752	1,749	1,748
Net income to persons on farms from farming.....	5,060	5,858	5,209	14,021	15,459	15,094	14,239	13,429	13,334
<b>INDEX NUMBERS OF PRICES RECEIVED AND PAID (1910-14=100)</b>									
Prices received by farmers:									
All farm products.....	125	109	100	207	258	258	249	236	236
Crops.....	115	103	90	202	233	242	242	237	242
Livestock and products.....	134	114	109	211	280	272	255	236	230
Retail prices paid by farmers:									
Living and production.....	140	123	122	179	246	262	263	262	264
Living.....	144	124	121	182	246	270	274	273	278
Production.....	135	122	123	176	246	253	252	249	249
Payable per acre:									
Interest payable.....	206	135	102	75	89	117	126	136	152
Taxes payable.....	281	178	189	192	320	371	391	409	422
Prices paid, including interest, taxes, and wage rates.....	151	124	124	190	256	279	281	281	286
<b>PARTY RATIO</b>									
Ratio of prices received to prices paid, including interest, taxes, and wage rates.....	83	88	81	109	101	92	89	84	83

Source: Department of Agriculture, Agricultural Marketing Service; *The Farm Income Situation* and annual report, *Agricultural Statistics*.

## No. 802.—PRICES RECEIVED BY FARMERS—INDEXES, BY MAJOR GROUPS OF PRODUCTS: 1915 TO 1956

[1910-14=100. Indexes cover 45 major farm products. See also *Historical Statistics*, series E 95-97]

PERIOD	All groups	CROPS						LIVESTOCK AND PRODUCTS			
		Food grains	Feed grains and hay	Tobacco	Cotton	Fruits	Commercial vegetables	Oil-bearing crops	Meat animals	Dairy products	Poultry and eggs
1915-1919	164	193	161	183	175	126	151	201	162	147	153
1920-1924	150	147	125	189	197	157	144	155	121	159	163
1925-1929	147	141	118	169	151	146	144	135	146	161	155
1930-1934	87	70	76	117	77	98	104	78	83	105	94
1935-1939	107	94	96	172	87	91	106	113	117	119	110
1940-1944	155	123	123	241	138	148	139	170	166	169	148
1945-1949	251	222	212	378	242	203	241	289	291	265	217
1950-1954	271	235	213	428	294	199	243	283	338	273	203
1955-	288	244	234	432	310	191	274	296	353	302	206
1953-	258	231	208	429	268	209	239	274	296	274	221
1954-	249	232	206	439	274	219	223	279	292	252	176
1955-	236	228	187	437	272	212	233	250	249	252	188
1956-	238	224	185	453	268	225	254	250	238	259	177

<sup>1</sup> 1924 only.Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Crops and Markets*.

No. 803.—CASH RECEIPTS FROM FARM MARKETINGS AND GOVERNMENT PAYMENTS,  
BY STATES: 1955 AND 1956

[In millions of dollars]

DIVISION AND STATE	1955			1956			Govern- ment pay- ments	
	Farm marketings			Govern- ment pay- ments	Farm marketings			
	Total	Crops	Livestock and products		Total	Crops	Livestock and products	
United States	29,263.9	13,427.4	15,836.5	228.6	29,998.6	13,791.9	16,206.7	553.6
New England	720.6	219.1	501.5	3.5	740.5	232.6	507.9	6.2
Maine	179.7	74.6	105.1	1.1	201.9	95.6	106.2	1.0
New Hampshire	66.4	11.3	55.1	.5	65.2	10.0	55.3	.6
Vermont	109.9	12.9	96.9	1.0	111.3	11.5	99.8	1.2
Massachusetts	171.4	54.5	116.9	.4	173.0	54.5	118.5	1.4
Rhode Island	21.7	6.0	15.8	.1	22.8	6.4	16.4	.1
Connecticut	171.5	59.8	111.7	.4	166.3	54.6	111.6	1.9
Middle Atlantic	1,843.5	513.0	1,330.4	9.2	1,888.0	536.3	1,361.7	13.0
New York	800.0	226.9	573.1	4.5	824.5	229.8	594.6	5.8
New Jersey	309.0	111.3	197.6	.6	331.3	133.7	197.6	1.1
Pennsylvania	734.5	174.8	559.7	4.1	742.2	172.8	569.5	6.1
East North Central	5,297.5	1,850.9	3,446.5	23.0	5,653.7	2,089.8	3,563.8	79.2
Ohio	985.6	388.9	596.7	5.8	1,012.1	391.0	621.0	16.0
Indiana	991.4	366.7	624.6	3.7	1,017.3	386.6	630.8	16.0
Illinois	1,705.8	709.7	996.0	4.8	1,926.3	904.0	1,022.2	30.0
Michigan	640.5	266.8	373.7	5.2	677.6	288.2	389.4	9.2
Wisconsin	974.3	118.8	855.5	3.5	1,020.4	120.0	900.4	8.0
West North Central	7,227.2	2,403.9	4,823.3	48.0	7,182.8	2,273.7	4,909.1	206.3
Minnesota	1,247.6	401.1	846.5	7.0	1,283.1	419.1	863.9	19.0
Iowa	2,137.6	466.1	1,671.5	7.4	2,108.8	396.0	1,712.8	65.6
Missouri	932.6	316.0	616.6	8.8	996.5	370.0	626.5	21.0
North Dakota	514.7	370.4	144.4	4.2	535.1	386.2	148.9	18.7
South Dakota	528.9	170.3	358.5	5.8	478.3	114.7	363.7	22.4
Nebraska	1,021.5	303.1	718.4	7.7	962.2	236.8	725.4	42.7
Kansas	844.3	376.9	467.4	7.1	818.8	350.9	467.9	16.9
South Atlantic	3,438.2	2,132.2	1,306.1	30.0	3,548.5	2,192.5	1,355.9	37.4
Delaware	101.2	24.7	76.5	.2	114.9	35.9	79.0	.6
Maryland	231.3	70.1	161.3	1.0	244.2	84.4	150.8	2.6
Virginia	430.9	195.8	235.1	4.4	461.3	225.8	235.6	5.7
West Virginia	110.6	24.0	86.6	1.7	112.8	25.1	87.7	2.2
North Carolina	935.5	712.5	223.0	7.3	950.3	706.4	243.8	10.5
South Carolina	346.6	268.8	82.8	3.0	332.1	246.4	85.6	3.7
Georgia	656.0	355.0	301.0	8.4	655.3	342.8	312.5	8.4
Florida	626.1	436.3	139.8	3.1	677.6	525.7	151.9	3.7
East South Central	1,966.4	1,181.6	784.8	25.9	1,995.8	1,174.6	821.2	39.2
Kentucky	521.6	290.5	231.2	6.1	528.0	285.6	242.4	16.5
Tennessee	431.1	220.5	210.5	5.6	471.5	252.2	219.3	7.8
Alabama	459.6	268.6	191.0	7.8	485.9	240.5	198.0	5.8
Mississippi	554.1	402.0	152.1	6.4	557.8	396.3	161.5	9.1
West South Central	3,280.0	1,930.6	1,349.4	41.8	3,268.5	1,898.7	1,369.8	88.0
Arkansas	547.7	378.9	168.8	4.5	626.4	449.2	177.1	7.1
Louisiana	359.5	244.1	115.4	10.3	371.8	249.2	122.7	13.1
Oklahoma	477.1	186.2	290.9	6.5	496.4	202.8	293.6	12.9
Texas	1,895.7	1,121.4	774.3	20.5	1,773.9	997.5	776.4	54.9
Mountain	1,927.2	935.0	992.3	28.8	1,971.2	967.8	1,003.4	57.4
Montana	375.5	216.6	158.8	4.2	365.7	207.7	158.0	9.3
Idaho	333.8	192.8	141.0	4.8	344.6	199.6	145.0	9.8
Wyoming	114.8	26.3	88.6	3.1	121.0	28.6	93.3	7.2
Colorado	408.2	142.1	266.1	10.2	413.3	142.5	270.8	17.0
New Mexico	165.4	69.5	95.9	2.1	182.3	85.2	97.1	5.7
Arizona	344.2	244.2	100.0	1.5	368.7	260.5	98.2	2.5
Utah	146.4	37.5	108.9	2.6	145.9	38.1	107.8	4.8
Nevada	39.0	6.0	33.0	.3	38.8	5.6	33.2	1.1
Pacific	3,563.3	2,261.1	1,302.2	18.4	3,739.6	2,425.9	1,313.7	26.9
Washington	530.7	349.4	181.3	3.8	527.7	341.5	186.2	4.6
Oregon	399.9	230.4	169.5	2.6	416.0	245.1	170.9	4.9
California	2,632.6	1,681.3	951.4	12.0	2,795.9	1,839.3	956.6	17.4

Source: Department of Agriculture, Agricultural Marketing Service; *The Farm Income Situation*.

**No. 804.—FARM INCOME—CASH RECEIPTS FROM FARM MARKETINGS OF CROPS AND LIVESTOCK AND PRODUCTS: 1930 TO 1956**

[In millions of dollars]

ITEM	1930	1935	1940	1945	1950	1953	1954	1955	1956 (prel.)
Farm marketings, total.....	9,055	7,120	8,382	21,663	28,405	31,169	29,714	29,264	29,999
All crops.....	3,868	2,977	3,469	9,655	12,360	14,035	13,443	13,427	13,793
Cotton (lint and seed).....	826	712	638	1,208	2,434	3,178	2,703	2,562	2,477
Tobacco.....	244	243	242	898	1,061	1,094	1,161	1,225	1,151
Food grains.....	500	418	470	1,563	1,940	2,428	2,312	1,955	2,027
Oilbearing crops.....	73	69	126	615	934	958	912	1,136	1,236
Feed crops.....	557	302	600	1,509	2,104	2,205	2,323	2,323	2,272
Vegetables.....	728	492	588	1,702	1,501	1,748	1,624	1,761	1,068
Fruits and tree nuts.....	536	408	417	1,407	1,209	1,240	1,272	1,287	1,437
Sugar crops.....	90	71	79	151	205	207	211	201	209
Other crops <sup>1</sup> .....	314	262	300	602	972	982	925	977	1,021
All livestock and products.....	5,187	4,143	4,913	12,008	16,045	17,134	16,271	15,837	16,206
Hogs.....	1,135	682	836	2,263	3,184	3,598	3,455	2,688	2,067
Cattle and calves.....	1,184	1,063	1,375	3,318	5,678	4,878	5,088	5,167	5,258
Sheep and lambs.....	162	152	180	319	386	317	325	316	310
Wool.....	68	70	106	126	129	129	129	101	94
Dairy products.....	1,608	1,310	1,521	3,021	3,719	4,366	4,114	4,213	4,491
Poultry and eggs.....	998	805	828	2,817	2,814	3,702	3,013	3,186	3,220
Other <sup>2</sup> .....	32	61	67	144	135	144	147	166	157

<sup>1</sup> Greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

<sup>2</sup> Horses, mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Source: Department of Agriculture, Agricultural Marketing Service; prior to 1940, data published in *Net Farm Income and Parity Report, 1943*; thereafter, *The Farm Income Situation*.

**No. 805.—FARM TAXES AND INSURANCE: 1930 TO 1955**

[See also *Historical Statistics E 76-87*]

ITEM	1930	1935	1940	1945	1950	1953	1954	1955 (prel.)
Taxes levied on farm real estate, total.....	567	392	401	465	741	839	868	927
Amount per acre.....	0.57	0.37	0.39	0.44	0.69	0.79	0.82	0.87
Amount per \$100 of value.....	1.31	1.14	1.18	0.77	0.86	0.89	0.89	0.92
Taxes levied on farm personal prop- erty.....	81	42	50	92	178	223	216	220
State automotive taxes paid by farmers:								
Motor vehicle licenses and per- mits.....	64	55	68	103	120	144	140	157
Motor fuel taxes <sup>1</sup> .....	63	66	79	90	139	168	177	186
<b>FARMERS' MUTUAL FIRE INSURANCE<sup>2</sup></b>								
Number of companies <sup>3</sup> .....	1,886	1,941	1,898	1,841	1,777	1,692	1,709	—
Insurance in force at end of year... mill. dol.	11,382	11,083	12,294	15,170	24,161	27,348	28,295	28,500
Cost per \$100 of insurance, total... cents	31.6	23.2	25.2	23.6	23.0	21.8	24.2	23.0
Losses.....	24.8	15.7	17.1	15.6	14.6	14.6	16.7	15.8
Expenses.....	6.8	7.5	8.1	8.0	8.4	7.2	7.5	7.2
Surplus and reserves, end of year... \$1,000.....	33,656	45,474	70,644	122,384	154,073	167,264	159,600	

<sup>1</sup> Beginning 1945 includes taxes on gasoline used in farm tractors.

<sup>2</sup> For 1930, includes companies with more than 65 percent of their insurance on farm property; for later years, 50 percent. About 88 percent of their total insurance is on farm property, for both periods.

<sup>3</sup> Number of companies for which data were obtained; perhaps not entirely complete for any year.

<sup>4</sup> Excess of assets over liabilities. Most of farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

Source: Department of Agriculture, Agricultural Research Service; *Agricultural Finance Review*.

## No. 806.—FAMILY LIVING EXPENDITURES OF FARM OPERATOR FAMILIES: 1955

[Includes all money expenditures or obligations incurred in 1955 for family living purposes except income taxes and cash rent for on-farm rental dwellings. Total on-farm cash rental expenditures are included under production expenses (see table 807).]

TYPE OF EXPENDITURE	Total (\$1,000)	Average per family (dollars)	Percent distribution
Number of farm operator families.....	4,780		
<b>Family living expenditures, total.....</b>	<b>15,749,105</b>	<b>3,308.60</b>	<b>100.0</b>
<b>Food</b>			
Food and nonalcoholic beverages at home.....	3,963,519	832.66	25.2
Food away from home.....	3,405,006	715.33	21.7
	558,513	117.33	3.5
<b>Housing</b>			
Shelter.....	4,133,184	868.31	26.3
Housefurnishings and equipment.....	1,672,109	351.28	10.7
Household operations.....	1,020,924	214.48	6.5
	1,440,151	302.55	0.1
<b>Clothing</b>			
Women and girls, ages 16 and over.....	2,034,502	427.41	13.0
Girls, ages 2 to 15.....	677,361	142.30	4.3
Men and boys, ages 16 and over.....	204,128	42.88	1.3
Boys, ages 2 to 15.....	686,891	144.30	4.4
Infants and children under 2 years.....	200,737	42.17	1.3
Material and services.....	32,917	6.92	0.2
	232,468	48.84	1.5
<b>Transportation</b>			
Auto and truck purchase.....	1,798,157	377.76	11.4
Auto and truck upkeep and running expenses.....	794,672	166.05	5.0
Other travel and transportation.....	922,478	193.80	5.9
	81,007	17.02	0.5
<b>Medical care</b>			
Personal care.....	1,144,008	240.34	7.3
Tobacco and alcoholic beverages.....	332,375	69.33	2.1
Recreation.....	322,600	67.77	2.0
Reading and education.....	590,600	124.07	3.7
Miscellaneous.....	207,281	43.55	1.3
Personal insurance.....	289,984	60.92	1.8
Cash gifts and contributions.....	409,468	86.02	2.6
	523,428	109.96	3.3

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service; cooperative report, *U. S. Census of Agriculture: 1954*, Vol. III, part 11.

## No. 807.—FARM PRODUCTION EXPENDITURES: 1955

TYPE OF EXPENDITURE	Total (\$1,000)	Average per farm (dollars)	Percent distribution
<b>Farm production expenditures, total.....</b>	<b>23,814,950</b>	<b>5,093.30</b>	<b>100.0</b>
Cash wages for hired farm labor.....	2,561,623	547.85	10.8
Machine hire and custom work.....	591,932	126.60	2.5
Livestock and poultry purchased.....	2,593,783	554.73	10.9
Feed for livestock and poultry.....	4,240,863	906.98	17.8
Seeds, plants, and trees.....	848,576	181.48	3.6
Commercial fertilizer and liming materials.....	1,363,086	291.52	5.7
Petroleum products, farm business share.....	1,767,940	378.11	7.4
Repair and other operating costs for motor vehicles and farm machinery.....	1,465,068	313.33	6.2
Marketing costs.....	1,113,555	238.16	4.7
Miscellaneous current operating expenses, not elsewhere included <sup>1</sup> .....	1,682,053	359.74	7.1
Cash rent.....	458,314	98.02	1.9
Property taxes, farm business share.....	638,041	136.46	2.7
Interest, farm business share.....	458,443	98.05	1.9
Construction and land improvement <sup>2</sup> .....	1,339,862	286.56	5.6
Purchase of motor vehicles and farm machinery and equipment.....	2,691,811	575.70	11.3

<sup>1</sup> Comprises veterinary services, medicines and disinfectants; grazing fees; livestock services; pesticides; hired trucking other than marketing; irrigation; farm business share of electricity, telephone service, and insurance; hand tools and miscellaneous supplies; miscellaneous farm business expenses.

<sup>2</sup> Comprises fencing; farm building repair and remodeling; new building construction; other improvements.

Source: Department of Commerce, Bureau of the Census, and Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service; cooperative report, *U. S. Census of Agriculture: 1954*, Vol. III, part 11.

No. 808.—FARM-TO-RETAIL PRICE SPREADS OF FARM FOOD PRODUCTS, BY COMMODITY GROUPS: 1947 TO 1956

[In dollars, except for farmer's share of consumer's dollar. These estimates are based on prices of a market basket of farm food products containing quantities equivalent to 1952 annual average purchases per urban wage earner and clerical worker family. Quantities of foods valued do not change from year to year]

COMMODITY GROUP AND VALUE	1947- 1949, average	1950	1951	1952	1953	1954	1955	1956
<b>All farm food products:</b>								
Retail cost <sup>1</sup>	955	924	1,026	1,035	1,010	903	975	976
Farm value adjusted for byproducts <sup>2</sup>	468	432	495	482	450	425	396	390
Marketing margin <sup>3</sup>	487	492	531	553	561	508	579	586
Farmer's share of consumer's dollar <sup>4</sup> (percent)	49	47	48	47	45	43	41	40
<b>Meat products:</b>								
Retail cost <sup>1</sup>	265	269	303	292	272	271	247	238
Farm value adjusted for byproducts <sup>2</sup>	176	174	202	186	165	162	132	125
Marketing margin <sup>3</sup>	89	95	101	106	107	109	114	113
Farmer's share of consumer's dollar <sup>4</sup> (percent)	67	65	67	64	61	60	54	52
<b>Dairy products:</b>								
Retail cost <sup>1</sup>	168	163	183	190	187	182	181	185
Farm value adjusted for byproducts <sup>2</sup>	91	82	95	100	91	84	83	85
Marketing margin <sup>3</sup>	78	81	88	90	96	98	98	100
Farmer's share of consumer's dollar <sup>4</sup> (percent)	54	50	52	53	49	46	46	46
<b>Poultry and eggs:</b>								
Retail cost <sup>1</sup>	117	104	118	113	116	101	105	99
Farm value adjusted for byproducts <sup>2</sup>	81	68	81	76	80	64	69	62
Marketing margin <sup>3</sup>	36	36	38	37	36	37	36	37
Farmer's share of consumer's dollar <sup>4</sup> (percent)	69	66	68	67	69	63	66	62
<b>Bakery and other cereal products:</b>								
Retail cost <sup>1</sup>	122	127	138	141	144	147	150	151
Farm value adjusted for byproducts <sup>2</sup>	33	30	38	32	32	32	31	31
Marketing margin <sup>3</sup>	89	97	105	110	112	115	119	120
Farmer's share of consumer's dollar <sup>4</sup> (percent)	27	23	24	22	22	22	21	20
<b>Fruits and vegetables:</b>								
Retail cost <sup>1</sup>	195	185	197	212	207	206	208	218
Farm value adjusted for byproducts <sup>2</sup>	61	57	60	69	61	60	61	66
Marketing margin <sup>3</sup>	134	128	138	143	146	145	147	152
Farmer's share of consumer's dollar <sup>4</sup> (percent)	31	31	30	32	29	29	29	30
<b>Fats and oils:</b>								
Retail cost <sup>1</sup>	52	42	49	42	42	44	43	43
Farm value adjusted for byproducts <sup>2</sup>	19	14	18	13	14	15	13	14
Marketing margin <sup>3</sup>	33	28	31	29	28	29	30	29
Farmer's share of consumer's dollar <sup>4</sup> (percent)	36	33	37	30	34	34	30	33
<b>Miscellaneous:</b>								
Retail cost <sup>1</sup>	39	38	41	41	41	42	41	42
Farm value adjusted for byproducts <sup>2</sup>	7	7	7	7	7	7	7	7
Marketing margin <sup>3</sup>	32	31	34	33	34	34	34	35
Farmer's share of consumer's dollar <sup>4</sup> (percent)	18	17	17	18	18	17	17	17

<sup>1</sup> Calculated from retail prices collected by the Bureau of Labor Statistics.

<sup>2</sup> Calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases.

<sup>3</sup> Equals difference between retail cost and farm value.

<sup>4</sup> Obtained by expressing the farm value as a percentage of retail cost (based on unrounded figures).

Source: Department of Agriculture, Agricultural Marketing Service; annual report, *Agricultural Statistics*.

## No. 809.—SPECIFIED FARM EXPENDITURES: 1939 TO 1954

[All 1949 and 1954 figures and figures for fertilizer and lime purchased for 1944 based on reports for a sample of farms]

ITEM	F FARMS REPORTING		AMOUNT EXPENDED		
	Number	Percent of all farms	Total	Average per farm (based on all farms)	Average per farm re- porting
All farms.....1954.....	4,783,021	100.0	\$1,000	Dollars	Dollars
Total farm expenditures.....1954.....	(1)	(1)	(1)	(1)	(1)
Specified farm expenditures incl. expenditures for commercial fertilizer and lime.....1954.....	(2)	(2)	9,338,436	1,952	(2)
Specified farm expenditures excl. commercial fertilizer and lime.....1954.....	4,698,092	98.2	8,189,694	1,712	1,743
Machine hire and/or hired labor.....1949.....	3,548,279	66.0	3,080,084	563	554
.....1954.....	3,285,734	68.7	2,917,401	610	588
Machine hire.....1949.....	2,757,564	51.3	611,623	114	222
.....1954.....	2,545,128	53.2	638,057	133	251
Hired labor <sup>3</sup> .....1939.....	2,260,237	37.1	781,792	128	346
.....1944.....	2,799,026	47.8	1,865,026	318	666
.....1949.....	2,670,043	49.6	2,418,461	450	906
.....1954.....	2,220,688	46.4	2,279,344	477	1,026
Feed for livestock and poultry.....1939.....	3,342,715	54.8	736,117	120	219
.....1944.....	4,271,642	72.9	2,426,725	414	568
.....1949.....	3,875,704	72.0	3,023,841	562	780
.....1954.....	3,652,899	76.4	3,906,048	817	1,069
Gasoline and other petroleum fuel and oil for the farm business.....1939.....	2,886,614	47.3	323,239	53	112
.....1949.....	2,988,476	55.5	1,133,708	211	380
.....1954.....	3,267,865	68.3	1,366,244	286	418
Commercial fertilizer and fertilizing material.....1939.....	2,337,031	38.3	195,928	32	84
.....1944.....	2,580,271	44.0	374,022	64	145
.....1954.....	2,916,406	61.0	1,079,265	226	370
Lime and liming material.....1939.....	471,807	7.7	21,674	4	45
.....1944.....	811,222	13.8	69,419	12	86
.....1954.....	520,445	10.9	69,477	15	133

<sup>1</sup> Many expense items are not included such as livestock and poultry purchased, seeds, bulbs, plants, trees, machinery repair, maintenance of buildings, taxes, mortgage interest, insurance, rents, containers, veterinary fees, and others of varying degrees of importance. Expenditures shown in this table amounted to approximately 43 percent of all farm production costs for 1954 according to a special cooperative study by the Bureau of the Census and the Agricultural Marketing Service (see table 807).

<sup>2</sup> Not available.

<sup>3</sup> Cash payments for farm labor, housework specifically excluded; excludes expenditures for contract construction work, machine hire, or labor included in cost of machine hire.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 810.—FARM MACHINERY AND EQUIPMENT: 1930 TO 1956

[See also *Historical Statistics*, series E 105-110]

ITEM	1930	1935	1940	1945	1950	1954	1955	1956 (prel.)
Value of farm machinery and motor vehicles <sup>1</sup> .....mil. dol.....	3,302	2,217	3,060	6,291	11,216	15,919	15,993	16,628
Tractors on farms, Jan. 1 <sup>2</sup> .....1,000.....	920	1,048	1,545	2,354	3,394	4,243	4,345	4,450
Motor trucks on farms, Jan. 1.....do.....	900	890	1,047	1,490	2,207	2,610	2,701	2,800
Automobiles on farms, Jan. 1.....do.....	4,135	3,642	4,144	4,148	4,199	4,250	4,258	4,260
Sales of farm equipment, machinery, and parts <sup>3</sup> .....mil. dol.....	347	272	430	613	1,562	(4)	(4)	(4)
Farmers' expenditures:								
Motor vehicles <sup>4</sup> .....do.....	288	287	384	445	1,689	1,477	1,627	1,395
Machinery and equipment.....do.....	236	161	241	714	1,249	1,172	1,113	857

<sup>1</sup> Data represent inventory valuations at beginning of year. Includes family share of automobiles.

<sup>2</sup> Excludes garden tractors.

<sup>3</sup> Totals for 1930, 1935, and 1940 include some miscellaneous equipment not reported in later years. Tractors for nonfarm use excluded beginning 1945. From Bureau of the Census, *Facts for Industry*, Series M35A.

<sup>4</sup> Not available.

<sup>5</sup> Excludes family share of automobiles.

Source: Department of Agriculture, Agricultural Marketing Service and Agricultural Research Service (except as noted).

**NO. 811.—FARM FACILITIES—ELECTRICITY, TELEPHONE, MOTOR VEHICLES, AND TRACTORS, 1920 TO 1954, AND BY STATES, 1954**

[In thousands. Beginning 1950, based on reports for a sample of farms]

YEAR, DIVISION, AND STATE	ELECTRICITY		TELEPHONE		MOTOR TRUCKS ON FARMS		AUTOMOBILES ON FARMS		TRACTORS ON FARMS	
	Farms reporting	Percent of all farms	Farms reporting	Percent of all farms	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
1920.....	453	7.0	2,498	38.7	132	139	1,980	2,146	229	246
1930.....	841	13.4	2,139	34.0	845	900	3,650	4,135	851	920
1940.....	2,032	33.3	1,527	25.0	944	1,047	3,542	4,144	1,410	1,567
1950.....	4,214	78.3	2,058	38.2	1,840	2,207	3,390	4,199	2,525	3,609
<b>1954</b>										
<b>United States.....</b>	<b>4,449</b>	<b>93.0</b>	<b>2,332</b>	<b>48.8</b>	<b>2,213</b>	<b>2,703</b>	<b>3,392</b>	<b>4,263</b>	<b>2,877</b>	<b>4,692</b>
The North.....	1,955	95.7	1,443	70.6	1,030	1,220	1,758	2,248	1,663	2,886
The South.....	2,094	90.4	606	26.2	899	1,041	1,281	1,505	917	1,291
The West.....	399	94.5	284	67.2	284	442	353	510	297	535
New England.....	79	96.8	66	80.9	48	68	64	88	49	75
Maine.....	22	94.2	17	72.7	14	18	18	22	13	19
New Hampshire.....	10	97.2	8	78.8	6	8	8	10	6	9
Vermont.....	16	97.0	12	74.5	9	11	13	17	11	15
Massachusetts.....	17	98.2	16	89.5	9	14	14	20	10	16
Rhode Island.....	2	98.9	2	85.3	1	2	2	2	1	2
Connecticut.....	13	98.6	12	93.2	9	13	11	17	8	14
Middle Atlantic.....	250	97.3	196	76.3	129	168	215	296	199	334
New York.....	104	97.9	88	82.9	54	71	90	123	84	144
New Jersey.....	22	98.7	20	87.8	15	24	19	29	15	30
Pennsylvania.....	124	96.4	89	68.8	60	72	106	145	100	159
East North Central.....	774	96.9	564	70.5	371	415	697	886	660	1,141
Ohio.....	172	97.0	127	71.6	69	78	152	197	138	233
Indiana.....	148	96.6	111	72.1	70	78	131	162	120	206
Illinois.....	169	96.3	130	73.9	91	100	152	190	148	290
Michigan.....	136	97.9	93	66.9	62	71	122	157	119	187
Wisconsin.....	149	96.8	103	67.2	79	87	139	180	136	225
West North Central.....	852	94.1	616	68.1	482	570	752	977	754	1,316
Minnesota.....	156	94.1	113	68.3	80	90	151	193	148	255
Iowa.....	188	97.4	168	87.2	80	85	178	225	170	312
Missouri.....	189	93.5	106	52.7	88	98	142	161	129	183
North Dakota.....	56	90.3	28	46.9	50	67	56	72	58	115
South Dakota.....	57	91.0	37	59.9	39	48	57	74	57	111
Nebraska.....	95	94.7	73	72.6	60	72	93	121	90	163
Kansas.....	112	92.8	90	74.8	84	112	105	130	103	176
South Atlantic.....	787	91.6	219	25.5	306	355	515	612	331	447
Delaware.....	6	95.3	5	84.2	4	5	5	7	5	9
Maryland.....	30	92.8	22	68.1	17	22	26	38	23	41
Virginia.....	125	91.7	46	33.6	51	59	82	101	55	78
West Virginia.....	63	92.3	22	81.7	24	27	32	37	19	25
North Carolina.....	251	93.7	45	16.9	80	86	163	183	104	126
South Carolina.....	109	87.9	22	17.4	35	40	76	89	35	46
Georgia.....	152	92.1	36	22.1	68	77	96	111	67	88
Florida.....	50	87.0	21	36.0	26	37	35	47	23	35
East South Central.....	697	88.2	170	21.5	258	284	370	422	251	325
Kentucky.....	173	89.7	50	25.9	62	68	105	122	71	89
Tennessee.....	185	90.8	62	30.3	68	73	105	119	73	90
Alabama.....	155	87.7	28	15.9	59	65	76	83	54	65
Mississippi.....	183	84.9	30	13.8	69	78	84	99	53	82
West South Central.....	611	91.3	217	32.5	335	402	395	469	334	518
Arkansas.....	132	90.5	24	16.8	67	77	57	66	53	83
Louisiana.....	101	91.2	28	25.6	42	49	55	63	34	52
Oklahoma.....	108	90.9	53	44.7	72	86	78	90	73	106
Texas.....	269	91.9	111	38.0	154	190	205	251	174	277
Mountain.....	164	91.4	102	56.7	134	208	144	201	134	248
Montana.....	29	88.5	13	38.8	29	49	28	38	29	57
Idaho.....	37	96.3	26	67.4	27	39	33	43	31	53
Wyoming.....	10	89.4	6	51.6	10	15	10	14	9	19
Colorado.....	38	93.2	27	67.4	32	49	34	47	32	62
New Mexico.....	17	82.0	6	27.2	14	21	12	16	10	17
Arizona.....	8	90.7	5	56.2	7	14	7	15	5	14
Utah.....	22	95.4	17	74.2	14	18	19	23	15	21
Nevada.....	2	82.7	2	63.1	2	4	2	3	2	5
Pacific.....	265	96.7	182	74.9	149	234	208	309	163	287
Washington.....	68	97.3	48	73.9	39	56	56	74	46	71
Oregon.....	55	96.8	39	70.9	34	48	46	61	40	67
California.....	119	96.5	95	77.2	78	130	106	174	77	149

Source: Department of Commerce, Bureau of the Census; *U. S. Census of Agriculture: 1954*, Vol. II.

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No. 812.—FARM LABOR—FARMS REPORTING, PERSONS WORKING ON FARMS DURING WEEK PRECEDING ENUMERATION, AND WAGES PAID: 1954

[Based on reports for a sample of farms. Relates to farm operators working 1 hour or more, hired workers doing farm work, and unpaid family members working 15 hours or more during week (September 26–October 2 or October 24–30). Excludes housework and contract construction work]

DIVISION AND STATE	FAMILY AND/OR HIRED WORKERS		FAMILY WORKERS, INCLUDING OPERATOR		HIRED WORKERS		CASH WAGES PAID FOR HIRED LABOR IN 1954	
	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Amount (\$1,000)
United States	4,296,604	9,597,343	4,241,835	6,867,693	751,581	2,729,650	2,220,688	2,279,344
The North	1,905,302	3,852,365	1,888,265	3,041,029	340,507	811,336	927,555	753,692
The South	2,005,461	4,622,582	1,978,653	3,251,819	307,617	1,370,733	1,065,765	802,346
The West	384,841	1,122,396	374,917	574,815	103,457	547,581	227,308	723,305
New England	74,567	204,427	73,155	109,051	21,248	95,386	36,419	79,431
Maine	21,086	75,821	20,784	30,002	5,844	45,819	10,308	18,774
New Hampshire	9,406	17,745	9,255	12,799	1,963	4,946	3,675	5,820
Vermont	14,818	32,366	14,556	21,954	4,346	10,412	8,199	10,306
Massachusetts	15,700	43,874	15,281	23,739	5,041	20,135	7,830	24,454
Rhode Island	1,783	3,989	1,746	2,656	1,462	1,333	707	1,825
Connecticut	11,774	30,642	11,533	17,901	3,592	12,741	5,700	18,252
Middle Atlantic	238,002	585,047	234,389	383,724	63,041	201,323	116,263	192,898
New York	97,584	244,759	95,830	150,591	27,743	94,168	50,553	88,105
New Jersey	20,975	60,458	20,469	34,062	8,961	35,306	12,318	41,817
Pennsylvania	110,443	270,830	118,090	199,071	26,337	71,759	53,392	62,975
East North Central	737,639	1,412,471	731,757	1,158,624	122,952	253,847	341,885	237,812
Ohio	161,380	294,706	160,270	216,795	23,483	47,911	70,672	45,851
Indiana	140,280	244,342	139,171	207,088	20,321	37,254	62,807	37,914
Illinois	163,408	290,563	161,903	236,979	33,527	53,584	81,289	67,425
Michigan	125,830	262,601	124,789	198,855	19,159	63,746	56,118	40,744
Wisconsin	146,721	320,259	145,624	208,907	26,462	51,352	70,999	45,878
West North Central	855,184	1,650,410	848,964	1,389,630	133,266	260,780	432,988	243,552
Minnesota	157,890	330,772	157,017	280,018	25,653	50,754	76,996	41,123
Iowa	185,523	340,523	184,340	292,501	33,348	48,022	97,917	54,103
Missouri	187,151	336,577	185,925	278,156	18,767	58,421	79,693	41,719
North Dakota	58,576	137,595	57,839	105,050	15,255	32,545	33,701	25,300
South Dakota	50,215	120,639	58,691	102,398	11,140	18,301	33,245	18,708
Nebraska	95,555	183,824	94,920	157,831	13,789	25,998	49,426	30,878
Kansas	111,274	200,420	110,232	173,676	15,314	26,744	62,010	31,717
South Atlantic	730,959	1,556,949	720,168	1,198,131	110,216	358,818	423,375	312,400
Delaware	5,594	13,716	5,385	7,943	1,921	5,773	3,523	2,780
Maryland	20,262	65,068	28,559	43,746	8,683	22,222	16,540	26,155
Virginia	121,841	247,917	119,977	189,308	19,037	58,519	58,408	44,383
West Virginia	60,148	97,674	59,660	85,196	5,136	12,478	19,622	9,467
North Carolina	234,169	525,836	229,409	435,273	30,165	90,563	149,134	63,044
South Carolina	100,957	231,762	99,446	173,877	14,432	57,885	64,034	29,031
Georgia	133,652	265,089	131,853	201,611	19,655	63,478	82,321	48,315
Florida	45,036	108,987	42,870	61,087	11,187	47,900	29,793	84,225
East South Central	677,212	1,467,946	670,024	1,121,267	85,518	346,679	335,192	134,403
Kentucky	160,381	303,323	167,449	245,774	23,680	57,549	90,265	30,355
Tennessee	170,550	303,285	177,693	293,453	24,626	99,832	85,643	28,588
Alabama	141,432	302,375	139,865	232,949	17,577	69,426	72,530	29,539
Mississippi	186,849	468,963	185,017	349,091	19,626	119,872	86,754	45,018
West South Central	598,290	1,597,687	588,461	932,451	111,883	665,236	307,198	355,544
Arkansas	127,874	305,307	126,625	213,874	18,533	149,433	55,239	56,152
Louisiana	97,929	283,475	96,735	175,704	18,489	107,711	44,050	39,393
Oklahoma	109,377	227,366	108,123	164,798	15,106	62,568	51,912	31,602
Texas	263,110	723,539	256,978	378,015	59,755	345,524	155,988	228,396
Mountain	165,463	450,687	162,373	260,652	42,682	190,035	97,106	200,996
Montana	30,263	63,788	29,694	46,592	8,059	16,889	18,929	26,705
Idaho	36,365	86,781	35,928	57,808	8,028	28,973	21,908	30,442
Wyoming	10,706	25,276	10,469	17,219	2,688	8,057	6,208	14,845
Colorado	37,285	96,043	36,717	59,726	9,614	36,317	21,914	33,606
New Mexico	18,680	64,877	18,113	29,334	5,648	35,543	9,619	24,675
Arizona	8,583	59,632	8,137	11,970	3,734	47,662	5,492	51,783
Utah	21,040	47,212	20,802	33,476	4,037	13,736	11,555	13,005
Nevada	2,591	7,078	2,513	4,220	874	2,858	1,481	5,935
Pacific	219,378	671,709	212,544	314,163	60,775	357,546	130,262	522,309
Washington	50,946	127,675	59,234	85,629	11,054	42,046	29,631	64,073
Oregon	49,318	110,022	48,612	72,275	8,668	37,747	24,495	47,524
California	110,114	434,012	104,698	156,259	41,053	277,753	76,136	410,712

No. 813.—FARM LABOR—HOURS OF WORK AND CASH WAGES OF HIRED FARM WORKERS, BY STATES: 1954

[Based on reports for a sample of farms]

DIVISION AND STATE	EMPLOYED BY THE MONTH		EMPLOYED BY THE WEEK		EMPLOYED BY THE DAY	
	Average hours worked per month	Average wage per month	Average hours worked per week	Average wage per week	Average hours worked per day	Average wage per day
<b>United States</b>	231	\$162	51	\$38	8.8	\$5.13
The North	239	145	52	41	8.9	6.76
The South	214	137	49	31	8.8	4.34
The West	232	218	52	52	9.1	8.06
<b>New England</b>	238	159	54	47	9.0	9.82
Maine	216	137	54	53	9.5	11.13
New Hampshire	243	173	55	44	8.1	6.76
Vermont	258	126	61	34	8.5	5.79
Massachusetts	225	154	50	49	8.3	7.91
Rhode Island	266	170	50	50	8.1	7.28
Connecticut	241	183	52	50	8.2	8.47
<b>Middle Atlantic</b>	237	144	53	42	8.4	6.28
New York	245	142	54	43	8.5	6.97
New Jersey	231	180	53	46	8.6	7.29
Pennsylvania	231	135	51	38	8.4	5.64
<b>East North Central</b>	240	141	51	38	8.6	6.35
Ohio	223	144	50	39	8.2	5.94
Indiana	219	143	51	36	8.6	6.17
Illinois	238	162	52	41	8.9	6.94
Michigan	226	143	49	37	8.2	6.69
Wisconsin	260	122	51	35	8.6	5.56
<b>West North Central</b>	239	148	53	37	9.2	6.75
Minnesota	240	132	52	36	9.2	6.84
Iowa	243	147	52	38	8.9	7.29
Missouri	221	139	51	35	9.1	5.36
North Dakota	247	156	56	41	9.8	7.15
South Dakota	239	149	56	37	9.5	6.73
Nebraska	239	163	53	40	9.1	7.25
Kansas	232	162	52	41	9.3	8.01
<b>South Atlantic</b>	215	135	48	33	8.7	4.11
Delaware	209	159	47	42	8.5	6.28
Maryland	233	151	51	36	8.5	5.89
Virginia	223	127	49	30	8.8	4.68
West Virginia	215	123	49	31	8.2	4.59
North Carolina	200	115	46	30	8.7	4.65
South Carolina	204	129	46	23	8.6	3.22
Georgia	204	112	47	25	8.8	3.39
Florida	205	191	50	43	8.8	4.95
<b>East South Central</b>	199	118	48	27	8.8	4.13
Kentucky	216	126	49	31	8.7	5.18
Tennessee	209	114	49	27	8.8	3.74
Alabama	168	105	47	25	8.6	3.50
Mississippi	203	124	48	26	8.9	3.80
<b>West South Central</b>	218	145	50	32	8.9	4.83
Arkansas	220	142	51	32	9.2	4.73
Louisiana	203	144	48	28	8.7	4.41
Oklahoma	215	152	49	38	8.9	6.23
Texas	220	145	50	32	9.0	5.02
<b>Mountain</b>	239	187	54	46	9.1	7.41
Montana	239	176	55	40	9.3	8.16
Idaho	242	209	52	48	9.0	8.97
Wyoming	249	179	54	44	8.8	6.84
Colorado	237	184	55	45	9.4	7.42
New Mexico	227	152	51	38	9.0	5.57
Arizona	233	220	57	54	9.3	7.16
Utah	238	199	47	44	8.3	7.08
Nevada	237	184	53	49	8.6	6.98
<b>Pacific</b>	225	248	50	55	9.0	9.11
Washington	226	219	47	52	9.5	10.15
Oregon	228	199	48	50	8.8	8.30
California	224	265	51	55	8.9	8.92

Source: Department of Commerce, Bureau of the Census; U. S. Census of Agriculture: 1954, Vol. II.

## No. 814.—FERTILIZER CONSUMPTION: 1880 TO 1955

[In thousands of tons of 2,000 pounds. Estimates based on tag sales, records of Government officials, etc. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration (now Soil Conservation Service) and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons.]

YEAR	Quan-tity	YEAR	Quan-tity	YEAR	Quan-tity	YEAR	Quan-tity
1880-----	1,150	1923-----	6,445	1935-----	6,276	1947-----	15,039
1890-----	1,950	1924-----	6,826	1936-----	6,931	1948-----	15,980
1900-----	2,200	1925-----	7,334	1937-----	8,226	1949-----	16,449
1910-----	5,453	1926-----	7,399	1938-----	7,548	1950-----	17,981
1915-----	5,324	1927-----	6,844	1939-----	7,707	1951-----	18,826
1916-----	5,125	1928-----	7,986	1940-----	8,249	1952-----	20,077
1917-----	5,926	1929-----	8,012	1941-----	9,183	1953-----	20,237
1918-----	6,467	1930-----	8,222	1942-----	9,949	1954-----	20,679
1919-----	6,626	1931-----	6,354	1943-----	11,463	1955-----	20,416
1920-----	7,177	1932-----	4,385	1944-----	12,055		
1921-----	4,863	1933-----	4,908	1945-----	13,202		
1922-----	5,071	1934-----	5,583	1946-----	14,892		

Source: 1880 to 1953, the National Fertilizer Association, Washington, D. C.; *The Fertilizer Review*. Beginning 1954, National Plant Food Institute, Washington, D. C.; *Plant Food Review*.

## No. 815.—FERTILIZERS—QUANTITIES OF COMMERCIAL FERTILIZERS CONSUMED AND AVERAGE PLANT FOOD CONTENT: 1910 TO 1955

[Includes Hawaii and Puerto Rico beginning 1940, Alaska beginning 1951. Includes fertilizers distributed by Government agencies. See also *Historical Statistics*, series E 111]

YEAR	ALL FERTILIZERS				MIXED FERTILIZERS			
	Quan-tity	Nitro-gen	Phosphoric oxide	Potash	Quan-tity	Nitro-gen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1910-----	5,547	2.6	9.0	3.8	3,437	2.1	9.3	3.4
1920-----	7,296	3.1	9.1	3.5	4,062	2.3	9.2	2.4
1930-----	8,425	4.5	9.4	4.2	5,616	3.1	9.8	5.0
1940-----	8,656	4.9	10.5	5.0	5,513	3.8	9.6	6.5
1950-----	19,758	5.7	10.5	6.2	13,033	4.1	11.0	8.5
1952-----	22,797	6.5	9.7	7.1	15,240	4.4	11.2	9.5
1953-----	22,631	7.3	9.8	7.6	15,405	4.7	11.4	10.0
1954-----	22,580	8.3	9.7	8.1	15,300	5.0	11.5	10.5
1955 (prel.)	22,654	8.6	10.1	8.3	15,272	5.3	11.9	10.9

Source: Department of Agriculture, Agricultural Research Service; annual report, *Agricultural Statistics*.

## No. 816.—FARMERS' MARKETING, FARM SUPPLY, AND SERVICE COOPERATIVES—ESTIMATED BUSINESS: 1955

[Preliminary. See headnote, table 817]

COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>	COMMODITY	Number of co-ops. handling	Gross business (\$1,000)	Net business (\$1,000) <sup>1</sup>
Total-----	2,987	12,456,349	9,656,258	Purchasing-----	2,7208	2,920,096	2,019,851
Marketing-----	2,7,098	9,340,774	7,440,925	Building material-----	1,457	109,570	76,924
Dry beans and peas-----	68	38,939	32,242	Containers-----	1,114	50,281	22,040
Cotton and products-----	573	452,833	394,874	Farm machinery and equipment-----	1,776	93,595	64,773
Dairy products-----	1,988	2,905,961	2,427,889	Feed-----	4,292	1,071,155	807,420
Fruits and vegetables-----	751	1,031,411	680,330	Fertilizer-----	3,810	396,877	249,898
Grain, soybeans, soybean meal and oil-----	2,677	2,338,457	1,567,716	Insecticides-----	921	53,716	46,374
Livestock and products-----	600	1,443,283	1,336,754	Meats, groceries, etc.-----	2,681	731,210	465,668
Nuts-----	83	80,481	46,273	Petroleum products-----	3,556	139,017	99,688
Poultry products-----	651	393,035	343,026	Seed-----	1,874	44,731	31,357
Rice-----	62	174,552	140,182	Other supplies-----	4,311	229,944	154,017
Sugar products-----	62	132,278	132,278	Services (trucking, cotton ginning, storage, grinding, locker plants, misc.)-----	2,4,802	3 195,479	3 195,479
Tobacco-----	33	216,946	216,946				
Wool and mohair-----	290	31,767	29,039				
Miscellaneous-----	260	99,901	93,376				

<sup>1</sup> Represents value at the first level at which cooperatives transact business for farmers. Excludes wholesale business of farm supply cooperatives with other cooperatives or terminal market sales performed for local associations.

<sup>2</sup> Because many associations are engaged in more than one type of business, these totals are less than the number that would be obtained by adding the number of associations handling individual items or performing individual services.

<sup>3</sup> Charges for services in which no duplication occurs.

Source: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmers' Marketing, Farm Supply, and Service Cooperatives*.

No. 817.—FARMERS' MARKETING, FARM SUPPLY, AND SERVICE COOPERATIVES—  
NUMBER, MEMBERSHIP, AND BUSINESS: 1913 TO 1955

[Covers operations of associations whose fiscal years ended between June 30 of year shown and July 1 of preceding calendar year, with limited exceptions. Comprises independent local associations, federations, large-scale centralized associations. Data are for marketing season during which farm products are moved into channels of trade. Marketing seasons overlap]

YEAR	COOPERATIVES LISTED			ESTIMATED MEMBERSHIP (1,000) <sup>1</sup>			ESTIMATED BUSINESS (\$1,000) <sup>2</sup>		
	Total	Marketing <sup>3</sup>	Purchasing	Total	Marketing <sup>3</sup>	Purchasing	Total	Marketing <sup>3</sup>	Purchasing
1913	3,099	2,988	111	651	592	60	310,313	304,385	5,928
1915	5,424	5,149	275	651	592	60	635,839	624,161	11,678
1921	7,374	6,476	898				1,256,214	1,198,493	57,721
1926	10,803	9,586	1,217	2,700	2,453	247	2,400,000	2,265,000	135,000
1931	11,950	10,362	1,588	3,000	2,608	392	2,400,000	2,185,000	215,000
1936	10,600	8,388	2,112	3,660	2,710	950	1,840,000	1,586,000	254,000
1941	10,600	7,943	2,657	3,400	2,420	980	2,280,000	1,911,000	369,000
1946	10,150	7,400	2,750	4,505	2,895	1,610	5,645,000	4,835,000	810,000
1947	10,150	7,378	2,772	5,010	3,150	1,860	6,070,000	5,147,000	923,000
1948	10,125	7,268	2,857	5,436	3,378	2,058	7,116,000	6,005,000	1,111,000
1949	10,135	7,159	2,976	5,890	3,630	2,260	8,635,000	7,195,000	1,440,000
1950	10,075	6,993	3,052	6,384	3,973	2,411	9,320,000	7,709,000	1,620,000
1951	10,035	6,922	3,113	6,584	4,075	2,509	8,726,000	7,082,600	1,643,400
1952	10,051	6,769	3,282	7,091	4,212	2,879	8,149,668	6,459,460	1,690,208
1953	10,166	6,843	3,323	7,363	4,331	3,038	9,404,712	7,487,495	1,917,217
1954	10,114	6,738	3,376	7,474	4,336	3,139	9,517,068	7,504,607	2,012,461
1955 (prel.)	10,058	6,686	3,372	7,608	4,355	3,253	9,462,985	7,486,697	1,976,288
	9,887	6,543	3,344	7,603	4,281	3,322	9,656,258	7,636,404	2,019,854

<sup>1</sup> Since 1935, comprises members (those entitled to vote for directors) but excludes nonvoting patrons.

<sup>2</sup> Comprises value of commodities sold or purchased for patrons and charges for rendering other essential services in marketing or purchasing. Beginning 1951, net figures; adjusted for duplication resulting from transactions between cooperatives. Earlier figures included some duplication. <sup>3</sup>Beginning 1951, includes service associations.

No. 818.—FARMERS' MARKETING, FARM SUPPLY, AND SERVICE COOPERATIVES—  
NUMBER, MEMBERSHIP, AND BUSINESS, BY STATES: 1955

[Preliminary. See headnote, table 817.]

DIVISION AND STATE	Coop- era- tives listed	Esti- mated mem- ber- ship <sup>1</sup>	Esti- mated busi- ness <sup>2</sup> (\$1,000)	DIVISION AND STATE	Coop- era- tives listed	Esti- mated mem- ber- ship <sup>1</sup>	Esti- mated busi- ness <sup>2</sup> (\$1,000)
United States	9,887	7,603,130	9,656,258	S. Atlantic—Continued			
New England	142	107,780	255,628	Virginia	134	240,330	139,591
Maine	23	23,830	42,784	West Virginia	78	80,810	39,569
New Hampshire	11	9,000	21,678	North Carolina	86	349,920	118,012
Vermont	34	21,750	67,369	South Carolina	35	57,180	21,356
Massachusetts	39	32,190	64,588	Georgia	31	126,810	49,474
Rhode Island	4	3,890	9,397	Florida	99	22,990	180,627
Connecticut	31	17,120	49,812	East South Central	387	752,640	385,966
Middle Atlantic	650	371,675	924,568	Kentucky	73	321,120	150,728
New York	396	160,770	485,418	Tennessee	138	173,720	74,921
New Jersey	67	37,990	149,178	Alabama	49	124,430	35,534
Pennsylvania	187	172,915	289,972	Mississippi	127	133,370	124,783
East North Central	2,026	2,009,370	2,472,709	West South Central	899	513,750	723,337
Ohio	294	384,890	587,073	Arkansas	119	77,560	93,781
Indiana	152	427,630	403,308	Louisiana	57	29,890	41,815
Illinois	540	584,470	620,127	Oklahoma	197	159,690	157,340
Michigan	232	200,820	292,108	Texas	526	246,610	430,401
Wisconsin	808	411,560	570,093	Mountain	532	294,770	505,971
West North Central	3,891	2,259,920	2,437,039	Montana	177	63,620	105,980
Minnesota	1,297	573,020	645,173	Idaho	99	55,110	98,752
Iowa	703	414,280	561,596	Wyoming	23	14,360	21,470
Missouri	274	433,720	289,115	Colorado	110	61,970	149,529
North Dakota	533	255,660	239,191	New Mexico	32	10,900	31,920
South Dakota	316	157,530	155,668	Arizona	12	57,910	20,527
Nebraska	408	245,910	274,152	Utah	75	30,510	74,892
Kansas	360	179,800	272,144	Nevada	4	390	2,871
South Atlantic	594	974,230	662,464	Pacific	766	318,995	1,288,576
Delaware	15	22,470	20,836	Washington	108	122,455	205,306
Maryland	65	73,720	92,999	Oregon	119	74,930	163,977
District of Columbia	1	(3)	(3)	California	454	121,610	829,233

<sup>1</sup> See footnote 1, table 817. <sup>2</sup> See footnote 2, table 817.

<sup>3</sup> Membership and business allocated to States in which the cooperative does business.

Source of tables 817 and 818: Department of Agriculture, Farmer Cooperative Service; annual report, *Statistics of Farmers' Marketing, Farm Supply, and Service Cooperatives*.

**NO. 819.—COMMODITY CREDIT CORPORATION—TOTAL LOANS MADE, 1933 TO 1956;  
AND LOANS OUTSTANDING, INVENTORIES, AND COST OF ACQUISITIONS, 1956**

[The Commodity Credit Corporation (CCC), established in 1933, is the financial organization through which farm price support is carried out by loans, purchases, and other operations. CCC now carries on 6 separate activities—price support, storage facilities, supply, foreign purchase, commodity export, and International Wheat Agreement programs]

COMMODITY	LOANS MADE, <sup>1</sup> CUMULATIVE, 1933 TO 1956			Loans out- standing (book value), 1956 <sup>2</sup>	Cost of acqui- sitions, 1956 <sup>3</sup>	INVENTORIES OF COMMODITIES OWNED, 1956 <sup>4</sup>			
	Quantity		Amount			Quantity, total <sup>4</sup>	Cost		
	Unit	Pledged							
Total			1,000 22,152,433	\$1,000 2,319,002	\$1,000 2,983,557	1,000	\$1,000 5,983,537		
Barley	Bushels	375,454	371,955	8,690	78,155	60,698	60,404		
Beans, dry	Cwt.	26,892	199,566	34	13,541	1,824	13,124		
Corn	Bushels	3,277,232	3,760,908	654,225	460,716	702,121	1,245,557		
Cotton	Bales	59,956	6,698,012	978,884	1,166,009	6,817	1,272,943		
Feed for Government facilities					69				
Fiber flax	Pounds	2,579	1,287			2,590	3,500		
Flour and related grain products							181		
Fruit, dried	Pounds	1,955	17,537						
Honey	do.	15,934	1,749	20					
Livestock:									
Beef and gravy	do.				191				
Lard	do.				189				
Meat and meat products					147				
Milk and milk products:									
Butter	Pounds	127,166	32,156		100,755	55,944	33,678		
Butter oil	do.					1,828	1,434		
Cheese	do.					273,815	105,885		
Milk, dried	do.				108,912	191,868	32,013		
Milk, fluid	do.					7,295			
Whey	do.	91,430	3,968						
Naval stores:									
Rosin	do.	2,056,788	85,279			273,076	21,096		
Turpentine	Gallons	49,315	19,513			1,838	1,073		
Oats	Bushels	264,427	184,521	11,126	33,753	57,073	47,313		
Oilseeds and products:									
Castor beans	Pounds					808	118		
Castor oil							1,558		
Cotton linters	Pounds						461		
Cottonseed	Tons	10	527			833	172,304		
Cottonseed meal	Pounds					3,507	17,512		
Cottonseed oil, crude	do.					3,849			
Cottonseed oil, refined	do.					1,683	2,646		
Flaxseed	Bushels	50,777	173,286	613	3,277	21	73		
Linseed oil	Pounds		1,981		12,850	17	2		
Peanuts	Tons	2,178	392,742	9,898	21,232	17	4,045		
Soybeans	Bushels	165,231	368,976	408	14,173	26	64		
Olive oil	Gallons	1,046	2,611						
Peas, dry	Cwt.	846	2,704						
Potatoes, Irish	do.	156,174	165,570						
Potatoes, sweet	do.	77	150						
Rice	do.	41,376	207,708	1,705	217,032	24,717	205,357		
Rye	Bushels	38,470	36,514	670	16,398	11,361	16,224		
Seeds, miscellaneous	Pounds	152,943	62,528			6,448	1,804		
Sorghum, grain	Cwt.	256,034	549,427	968	92,660	55,188	117,221		
Sugar						13,608	33,529		
Tobacco	Pounds	2,843,239	1,364,866	527,794					
Tung oil	do.	45,088	10,825		5	4,592	1,181		
Wheat	Bushels	4,293,670	7,192,340	90,055	551,814	950,723	2,535,609		
Wool	Pounds	322,640	150,439			111,111	74,932		
Other loans			92,838	33,822			162,573		

<sup>1</sup> Comprises loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under CCC. Obligations to purchase renewals and extensions of loans previously made are excluded.

<sup>2</sup> As of June 30.

<sup>3</sup> For year ending June 30. Cost of acquisitions of agricultural commodities for all purposes comprises purchases under price-support, supply, and foreign-purchase programs and acquisitions in settlement of price-support loans.

<sup>4</sup> For unit of quantity, see first column.

<sup>5</sup> Denotes decrease due to adjustment to recordings for prior year.

Source: Department of Agriculture, Commodity Stabilization Service; annual report, *Agricultural Statistics*, and records.